

February 14, 2022

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
January 2022 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the January 2022 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the January 2022 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.

Andrew Thompson
Environmental Manager

Attachment

cc: Todd Gmitro, US EPA Region 5
Tim Hull, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

JANUARY 2022 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:

Eagon & Associates, Inc.
Worthington, Ohio

February 2022

Eagon & Associates, Inc.
100 West Old Wilson Bridge Road, Suite 115
Worthington, Ohio 43085
(614) 888-5760

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1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the January 2022 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins TestAmerica, Inc. of Amherst, New York. The January 2022 quarterly monitoring sampling event was performed during two periods, January 10 and 19-20, 2021, due to illness of one of the sampling team members at the end of the first day. The event included sampling of the designated leak detectors, underdrains, and surface water monitoring locations at the facility.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the Detection Monitoring Plan which is part of the March 2017 RCRA Post-Closure Plan approved by Ohio EPA. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and

November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas the facility's CMI program is managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). As discussed above, samples are not collected when there is no discernible stream flow at the respective sample location.

All five stream monitoring locations were flowing during the January 2022 event and were sampled for VOCs, PCBs, and TOC.

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the January 2022 quarterly monitoring event.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF

and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the January 2022 quarterly monitoring event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

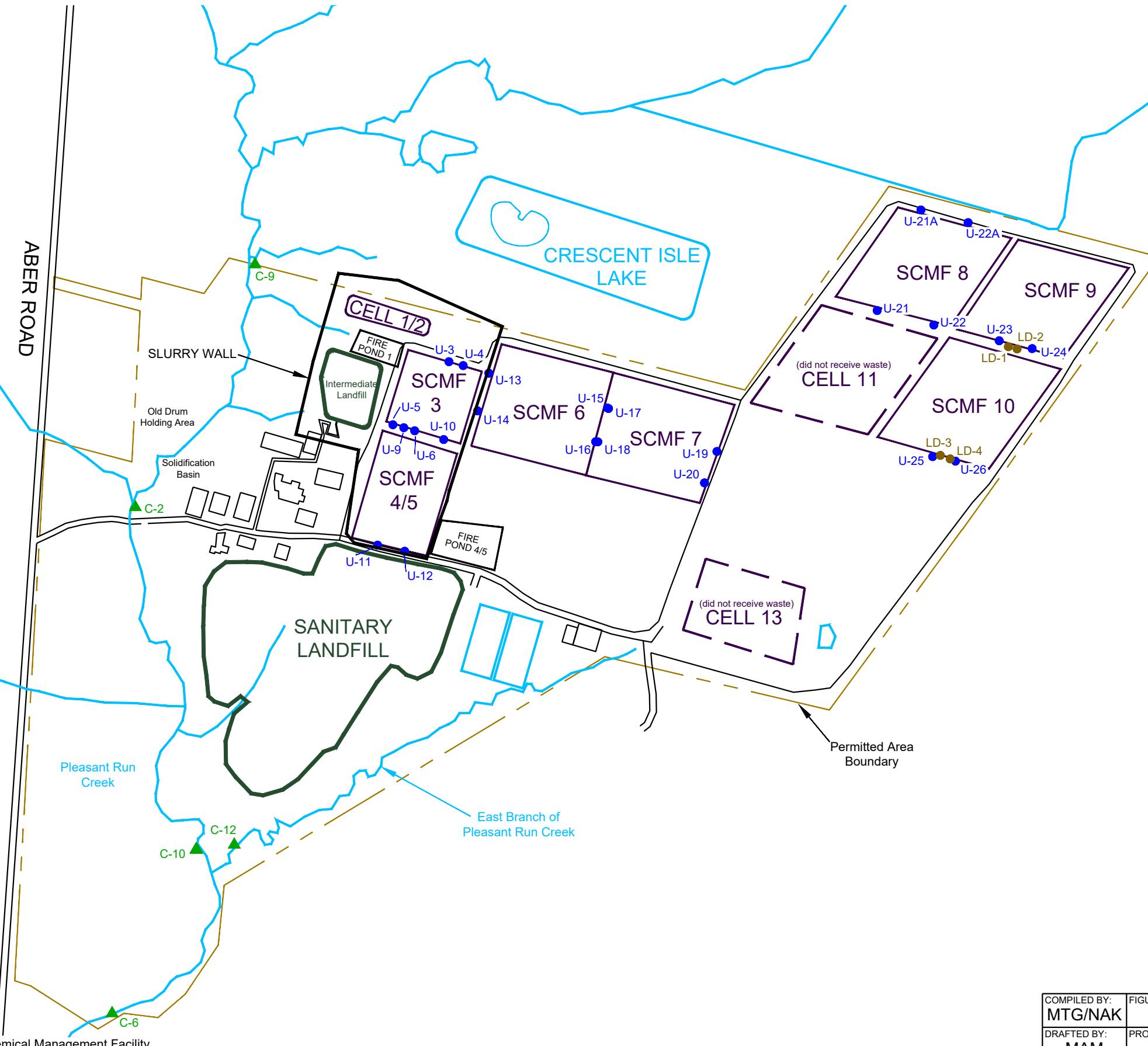
There were no quantified detections of VOCs in the surface water samples. In addition, there were no quantified detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the January 2022 event.

VOC detections in the January 2022 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the January 2022 quarterly monitoring event including field information logs and chain-of-custody records, are presented herein in Appendix A.

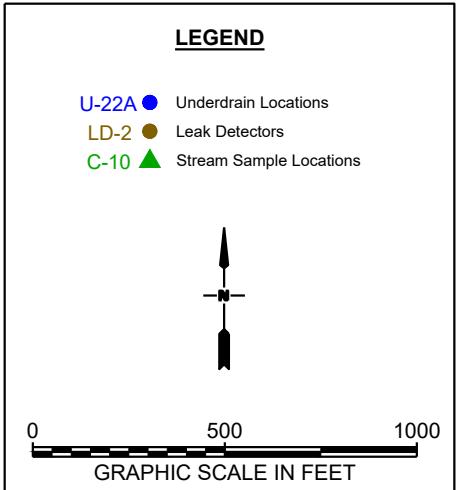
FIGURES



Note: SCMF = Secure Chemical Management Facility

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MODIFIED FROM BASEMAP PROVIDED BY:
HERST & ASSOCIATES, INC.



COMPILED BY: MTG/NAK	FIGURE TITLE: SURFACE WATER, LEAK DETECTOR, AND UNDERDRAIN SAMPLE LOCATIONS
DRAFTED BY: MAM	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO
CHECKED BY: MTG	PREPARED BY:
APPROVED BY: MTG	
DATE: 08/17/18	FIGURE NUMBER: EAGON & ASSOCIATES, INC. 1

TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
JANUARY 2022 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	23
	1,2-Dichloroethene (Total)	17
	Vinyl Chloride	1.3
U-4 ¹	1,1-Dichloroethane	6.1
	1,2-Dichloroethene (Total)	19
	Vinyl Chloride	1.5
U-5 ¹	1,1-Dichloroethane	7.1
	1,2-Dichloroethene (Total)	22
	Vinyl Chloride	1.6
U-6 ¹	1,1-Dichloroethane	20
	1,2-Dichloroethene (Total)	13
U-12 ¹	1,2-Dichloroethene (Total)	11
	Vinyl Chloride	1.5
DUP TSCA #3 (U-12) ¹	1,2-Dichloroethene (Total)	19
	Vinyl Chloride	1.2

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
JANUARY 2022 QUARTERLY MONITORING EVENT**



eurofins

Environment Testing
America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-194100-1

Client Project/Site: Aber Rd. Landfill - TSCA Quarterly

For:

Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:
2/10/2022 1:34:05 PM

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
2/10/2022 1:34:05 PM

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Definitions/Glossary

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Job ID: 480-194100-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-194100-1

Comments

No additional comments.

Receipt

The samples were received on 1/12/2022 10:30 AM and 1/24/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 1.3° C, 2.0° C, 2.0° C, 2.1° C, 2.3° C, 2.3° C, 2.4° C and 2.6° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-611462 recovered above the upper control limit for 1,1,1,2-Tetrachloroethane and Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: C-6 (480-194100-1), C-12 (480-194100-2), C-10 (480-194100-3), C-2 (480-194100-4), C-9 (480-194100-5), U-22A (480-194102-1), U-21A (480-194102-2), U-22 (480-194102-3), U-21 (480-194102-4), U-23 (480-194102-5), U-24 (480-194102-6), U-16 (480-194102-7), U-18 (480-194102-8), U-17 (480-194102-9), U-15 (480-194102-10), LD-1 (480-194106-1) and LD-2 (480-194106-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-611462 recovered outside acceptance criteria, low biased, for Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-611462 recovered outside control limits for the following analyte(s): Carbon disulfide. Carbon disulfide has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-612589 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-10 (480-194389-1), U-3 (480-194389-2), U-11 (480-194389-3), U-5 (480-194389-4), FIELD BLANK TSCA (480-194389-5), U-20 (480-194403-1), U-14 (480-194403-2), U-13 (480-194403-3) and DUP TSCA #2 (480-194403-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-612547 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-26 (480-194388-1), LD-4 (480-194388-2), LD-3 (480-194388-3), U-25 (480-194388-4), DUP TSCA #1 (480-194388-5) and U-19 (480-194388-6).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone and 2-Chloro-1,3-butadiene with Vinyl acetate in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-612547. The following samples are impacted: U-26 (480-194388-1), LD-4 (480-194388-2), LD-3 (480-194388-3), U-25 (480-194388-4), DUP TSCA #1 (480-194388-5) and U-19 (480-194388-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-612680 recovered above the upper control limit for 1,4-Dioxane and Acetonitrile. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: U-6 (480-194402-1).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-612849 were outside control limits. Sample matrix interference is suspected. The associated samples are impacted: U-6 (480-194402-1[MS]) and U-6 (480-194402-1[MSD]).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8011: The continuing calibration verification (CCV) associated with batch 480-611652 recovered above the upper control limit for

Case Narrative

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: C-6 (480-194100-1), C-12 (480-194100-2), C-10 (480-194100-3), C-2 (480-194100-4), C-9 (480-194100-5), U-22A (480-194102-1), U-21A (480-194102-2), U-22 (480-194102-3), U-21 (480-194102-4), U-23 (480-194102-5), U-24 (480-194102-6), U-16 (480-194102-7), U-18 (480-194102-8), U-17 (480-194102-9), U-15 (480-194102-10), LD-1 (480-194106-1) and LD-2 (480-194106-2).

Method 8011: The continuing calibration verification (CCV) associated with batch 480-612605 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-3 (480-194389-2), U-11 (480-194389-3), U-5 (480-194389-4), FIELD BLANK TSCA (480-194389-5), U-12 (480-194402-4), DUP TSCA #3 (480-194402-5), U-4 (480-194402-6), TRIP BLANK (480-194402-7), U-20 (480-194403-1), U-14 (480-194403-2), U-13 (480-194403-3) and DUP TSCA #2 (480-194403-4).

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-612784 recovered above the upper control limit for PCB-1221. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-26 (480-194388-1), LD-4 (480-194388-2), LD-3 (480-194388-3), U-25 (480-194388-4), DUP TSCA #1 (480-194388-5), U-19 (480-194388-6), U-10 (480-194389-1), U-3 (480-194389-2), U-11 (480-194389-3), U-5 (480-194389-4), FIELD BLANK TSCA (480-194389-5), U-12 (480-194402-4), DUP TSCA #3 (480-194402-5) and U-4 (480-194402-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-611797.

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-612100.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-6

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 13:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 13:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 13:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 13:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 13:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 13:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 13:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 13:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 13:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 13:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 13:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 13:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 13:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 13:41	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 13:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 13:41	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 13:41	1
Acetone	ND		10	3.0	ug/L			01/12/22 13:41	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 13:41	1
Acrolein	ND		20	0.91	ug/L			01/12/22 13:41	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 13:41	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 13:41	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 13:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 13:41	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 13:41	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 13:41	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 13:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 13:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 13:41	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 13:41	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 13:41	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 13:41	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 13:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 13:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 13:41	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 13:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 13:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 13:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 13:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 13:41	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 13:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 13:41	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 13:41	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 13:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 13:41	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 13:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 13:41	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 13:41	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Lab Sample ID: 480-194100-1

Matrix: Water

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 13:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 13:41	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 13:41	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 13:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 13:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 13:41	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 13:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 13:41	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 13:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 13:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					01/12/22 13:41	1
4-Bromofluorobenzene (Surr)	97		73 - 120					01/12/22 13:41	1
Toluene-d8 (Surr)	95		80 - 120					01/12/22 13:41	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			01/13/22 11:11	01/13/22 14:07
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/13/22 11:11	01/13/22 14:07

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1221	ND		0.52	0.18	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1232	ND		0.52	0.18	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1242	ND		0.52	0.18	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1248	ND		0.52	0.18	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1254	ND		0.52	0.26	ug/L			01/14/22 09:37	01/16/22 21:55
PCB-1260	ND		0.52	0.26	ug/L			01/14/22 09:37	01/16/22 21:55

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		19 - 120				01/14/22 09:37	01/16/22 21:55	1
DCB Decachlorobiphenyl	46		19 - 120				01/14/22 09:37	01/16/22 21:55	1
Tetrachloro-m-xylene	63		39 - 121				01/14/22 09:37	01/16/22 21:55	1
Tetrachloro-m-xylene	85		39 - 121				01/14/22 09:37	01/16/22 21:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	10.6		1.0	0.43	mg/L			01/15/22 01:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.90				SU			01/10/22 11:20	1
Field Conductivity	281				umhos/cm			01/10/22 11:20	1
Field Temperature	2.2				Degrees C			01/10/22 11:20	1
Field Turbidity	43.2				NTU			01/10/22 11:20	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-12

Date Collected: 01/10/22 12:15

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 14:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 14:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 14:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 14:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 14:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 14:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 14:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 14:04	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 14:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 14:04	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 14:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 14:04	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 14:04	1
Acetone	ND		10	3.0	ug/L			01/12/22 14:04	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 14:04	1
Acrolein	ND		20	0.91	ug/L			01/12/22 14:04	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 14:04	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 14:04	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 14:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 14:04	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 14:04	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 14:04	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 14:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 14:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 14:04	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 14:04	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 14:04	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 14:04	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 14:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 14:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 14:04	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 14:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 14:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 14:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 14:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 14:04	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 14:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 14:04	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 14:04	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 14:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 14:04	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 14:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 14:04	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 14:04	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-12

Date Collected: 01/10/22 12:15

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 14:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 14:04	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 14:04	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 14:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 14:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 14:04	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 14:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 14:04	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 14:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 14:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					01/12/22 14:04	1
4-Bromofluorobenzene (Surr)	100		73 - 120					01/12/22 14:04	1
Toluene-d8 (Surr)	97		80 - 120					01/12/22 14:04	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/13/22 11:11	01/13/22 14:27
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	01/13/22 14:27

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1221	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1232	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1242	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1248	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1254	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:08
PCB-1260	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:08

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		19 - 120			1
DCB Decachlorobiphenyl	50		19 - 120			1
Tetrachloro-m-xylene	73		39 - 121			1
Tetrachloro-m-xylene	90		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.5		1.0	0.43	mg/L			01/15/22 01:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.33				SU			01/10/22 12:15	1
Field Conductivity	220				umhos/cm			01/10/22 12:15	1
Field Temperature	1.7				Degrees C			01/10/22 12:15	1
Field Turbidity	29.0				NTU			01/10/22 12:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-10

Date Collected: 01/10/22 11:45

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 14:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 14:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 14:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 14:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 14:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 14:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 14:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 14:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 14:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 14:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 14:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 14:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 14:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 14:27	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 14:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 14:27	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 14:27	1
Acetone	ND		10	3.0	ug/L			01/12/22 14:27	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 14:27	1
Acrolein	ND		20	0.91	ug/L			01/12/22 14:27	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 14:27	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 14:27	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 14:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 14:27	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 14:27	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 14:27	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 14:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 14:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 14:27	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 14:27	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 14:27	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 14:27	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 14:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 14:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 14:27	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 14:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 14:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 14:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 14:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 14:27	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 14:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 14:27	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 14:27	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 14:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 14:27	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 14:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 14:27	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 14:27	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-194100-3

Matrix: Water

Date Collected: 01/10/22 11:45

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 14:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 14:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 14:27	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 14:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 14:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 14:27	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 14:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 14:27	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 14:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 14:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					01/12/22 14:27	1
4-Bromofluorobenzene (Surr)	100		73 - 120					01/12/22 14:27	1
Toluene-d8 (Surr)	96		80 - 120					01/12/22 14:27	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/13/22 11:11	01/13/22 14:47
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/13/22 11:11	01/13/22 14:47

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1221	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1232	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1242	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1248	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1254	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:20
PCB-1260	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	37		19 - 120			1
DCB Decachlorobiphenyl	46		19 - 120			1
Tetrachloro-m-xylene	77		39 - 121			1
Tetrachloro-m-xylene	96		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.2		1.0	0.43	mg/L			01/15/22 02:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.60				SU			01/10/22 11:45	1
Field Conductivity	211				umhos/cm			01/10/22 11:45	1
Field Temperature	0.9				Degrees C			01/10/22 11:45	1
Field Turbidity	50.2				NTU			01/10/22 11:45	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-2

Date Collected: 01/10/22 12:35

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 14:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 14:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 14:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 14:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 14:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 14:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 14:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 14:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 14:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 14:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 14:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 14:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 14:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 14:50	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 14:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 14:50	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 14:50	1
Acetone	ND		10	3.0	ug/L			01/12/22 14:50	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 14:50	1
Acrolein	ND		20	0.91	ug/L			01/12/22 14:50	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 14:50	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 14:50	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 14:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 14:50	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 14:50	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 14:50	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 14:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 14:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 14:50	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 14:50	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 14:50	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 14:50	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 14:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 14:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 14:50	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 14:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 14:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 14:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 14:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 14:50	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 14:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 14:50	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 14:50	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 14:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 14:50	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 14:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 14:50	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 14:50	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Lab Sample ID: 480-194100-4

Matrix: Water

Date Collected: 01/10/22 12:35

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 14:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 14:50	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 14:50	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 14:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 14:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 14:50	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 14:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 14:50	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 14:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 14:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/12/22 14:50	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/12/22 14:50	1
Toluene-d8 (Surr)	95		80 - 120		01/12/22 14:50	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/13/22 11:11	01/13/22 15:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/13/22 11:11	01/13/22 15:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1221	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1232	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1242	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1248	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1254	ND		0.52	0.26	ug/L		01/14/22 09:37	01/16/22 22:33	1
PCB-1260	ND		0.52	0.26	ug/L		01/14/22 09:37	01/16/22 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		19 - 120		01/14/22 09:37	01/16/22 22:33
DCB Decachlorobiphenyl	47		19 - 120		01/14/22 09:37	01/16/22 22:33
Tetrachloro-m-xylene	77		39 - 121		01/14/22 09:37	01/16/22 22:33
Tetrachloro-m-xylene	89		39 - 121		01/14/22 09:37	01/16/22 22:33

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.3		1.0	0.43	mg/L			01/15/22 04:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.96				SU			01/10/22 12:35	1
Field Conductivity	222				umhos/cm			01/10/22 12:35	1
Field Temperature	0.7				Degrees C			01/10/22 12:35	1
Field Turbidity	51.3				NTU			01/10/22 12:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: C-9

Date Collected: 01/10/22 13:00

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 15:14	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 15:14	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 15:14	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 15:14	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 15:14	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 15:14	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 15:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 15:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 15:14	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 15:14	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 15:14	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 15:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 15:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 15:14	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 15:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 15:14	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 15:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 15:14	1
Acetone	ND		10	3.0	ug/L			01/12/22 15:14	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 15:14	1
Acrolein	ND		20	0.91	ug/L			01/12/22 15:14	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 15:14	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 15:14	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 15:14	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 15:14	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 15:14	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 15:14	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 15:14	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 15:14	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 15:14	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 15:14	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 15:14	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 15:14	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 15:14	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 15:14	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 15:14	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 15:14	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 15:14	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 15:14	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 15:14	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 15:14	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 15:14	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 15:14	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 15:14	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 15:14	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 15:14	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 15:14	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 15:14	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 15:14	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-194100-5

Matrix: Water

Date Collected: 01/10/22 13:00

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 15:14	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 15:14	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 15:14	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 15:14	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 15:14	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 15:14	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 15:14	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 15:14	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 15:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 15:14	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/12/22 15:14	1
4-Bromofluorobenzene (Surr)	100		73 - 120		01/12/22 15:14	1
Toluene-d8 (Surr)	96		80 - 120		01/12/22 15:14	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/13/22 11:11	01/13/22 15:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/13/22 11:11	01/13/22 15:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1221	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1232	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1242	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1248	ND		0.52	0.18	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1254	ND		0.52	0.26	ug/L		01/14/22 09:37	01/16/22 22:46	1
PCB-1260	ND		0.52	0.26	ug/L		01/14/22 09:37	01/16/22 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		19 - 120		01/14/22 09:37	01/16/22 22:46
DCB Decachlorobiphenyl	51		19 - 120		01/14/22 09:37	01/16/22 22:46
Tetrachloro-m-xylene	74		39 - 121		01/14/22 09:37	01/16/22 22:46
Tetrachloro-m-xylene	91		39 - 121		01/14/22 09:37	01/16/22 22:46

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.4		1.0	0.43	mg/L			01/15/22 05:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.17				SU			01/10/22 13:00	1
Field Conductivity	201				umhos/cm			01/10/22 13:00	1
Field Temperature	1.2				Degrees C			01/10/22 13:00	1
Field Turbidity	68.6				NTU			01/10/22 13:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-22A

Date Collected: 01/10/22 10:10

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 16:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 16:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 16:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 16:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 16:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 16:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 16:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 16:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 16:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 16:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 16:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 16:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 16:24	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 16:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 16:24	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 16:24	1
Acetone	ND		10	3.0	ug/L			01/12/22 16:24	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 16:24	1
Acrolein	ND		20	0.91	ug/L			01/12/22 16:24	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 16:24	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 16:24	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 16:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 16:24	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 16:24	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 16:24	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 16:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 16:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 16:24	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 16:24	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 16:24	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 16:24	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 16:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 16:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 16:24	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 16:24	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 16:24	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 16:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 16:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 16:24	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 16:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 16:24	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 16:24	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 16:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 16:24	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 16:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 16:24	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 16:24	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22A

Lab Sample ID: 480-194102-1

Matrix: Water

Date Collected: 01/10/22 10:10

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 16:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 16:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 16:24	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 16:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 16:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 16:24	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 16:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 16:24	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 16:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 16:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					01/12/22 16:24	1
4-Bromofluorobenzene (Surr)	99		73 - 120					01/12/22 16:24	1
Toluene-d8 (Surr)	97		80 - 120					01/12/22 16:24	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.0080	J	0.010	0.0075	ug/L			01/13/22 11:11	01/13/22 15:50
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	01/13/22 15:50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 18:14
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 18:14

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120			1
DCB Decachlorobiphenyl	74		19 - 120			1
Tetrachloro-m-xylene	89		39 - 121			1
Tetrachloro-m-xylene	98		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.6		1.0	0.43	mg/L			01/15/22 00:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			01/10/22 10:10	1
Field Conductivity	2180				umhos/cm			01/10/22 10:10	1
Field Temperature	13.5				Degrees C			01/10/22 10:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-21A

Date Collected: 01/10/22 10:37

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 16:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 16:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 16:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 16:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 16:48	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 16:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 16:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 16:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 16:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 16:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 16:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 16:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 16:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 16:48	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 16:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 16:48	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 16:48	1
Acetone	ND		10	3.0	ug/L			01/12/22 16:48	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 16:48	1
Acrolein	ND		20	0.91	ug/L			01/12/22 16:48	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 16:48	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 16:48	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 16:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 16:48	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 16:48	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 16:48	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 16:48	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 16:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 16:48	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 16:48	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 16:48	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 16:48	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 16:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 16:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 16:48	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 16:48	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 16:48	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 16:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 16:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 16:48	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 16:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 16:48	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 16:48	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 16:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 16:48	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 16:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 16:48	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 16:48	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-194102-2

Matrix: Water

Date Collected: 01/10/22 10:37

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 16:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 16:48	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 16:48	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 16:48	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 16:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 16:48	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 16:48	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 16:48	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 16:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 16:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					01/12/22 16:48	1
4-Bromofluorobenzene (Surr)	99		73 - 120					01/12/22 16:48	1
Toluene-d8 (Surr)	94		80 - 120					01/12/22 16:48	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/13/22 11:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	1
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		19 - 120			1
DCB Decachlorobiphenyl	65		19 - 120			1
Tetrachloro-m-xylene	87		39 - 121			1
Tetrachloro-m-xylene	95		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			01/15/22 01:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			01/10/22 10:37	1
Field Conductivity	953				umhos/cm			01/10/22 10:37	1
Field Temperature	13.4				Degrees C			01/10/22 10:37	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-22

Date Collected: 01/10/22 11:48

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 17:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 17:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 17:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 17:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 17:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 17:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 17:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 17:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 17:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 17:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 17:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 17:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 17:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 17:11	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 17:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 17:11	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 17:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 17:11	1
Acetone	ND		10	3.0	ug/L			01/12/22 17:11	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 17:11	1
Acrolein	ND		20	0.91	ug/L			01/12/22 17:11	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 17:11	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 17:11	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 17:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 17:11	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 17:11	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 17:11	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 17:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 17:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 17:11	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 17:11	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 17:11	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 17:11	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 17:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 17:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 17:11	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 17:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 17:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 17:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 17:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 17:11	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 17:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 17:11	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 17:11	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 17:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 17:11	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 17:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 17:11	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 17:11	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-194102-3

Matrix: Water

Date Collected: 01/10/22 11:48

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 17:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 17:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 17:11	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 17:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 17:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 17:11	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 17:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 17:11	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 17:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 17:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					01/12/22 17:11	1
4-Bromofluorobenzene (Surr)	100		73 - 120					01/12/22 17:11	1
Toluene-d8 (Surr)	96		80 - 120					01/12/22 17:11	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/13/22 11:11	01/13/22 16:50	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/13/22 11:11	01/13/22 16:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1221	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1232	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1242	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1248	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1254	ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 18:40	1
PCB-1260	ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120	01/19/22 09:07	01/19/22 18:40	1
DCB Decachlorobiphenyl	74		19 - 120	01/19/22 09:07	01/19/22 18:40	1
Tetrachloro-m-xylene	80		39 - 121	01/19/22 09:07	01/19/22 18:40	1
Tetrachloro-m-xylene	97		39 - 121	01/19/22 09:07	01/19/22 18:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.2		1.0	0.43	mg/L			01/15/22 02:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.64				SU			01/10/22 11:48	1
Field Conductivity	2200				umhos/cm			01/10/22 11:48	1
Field Temperature	14.0				Degrees C			01/10/22 11:48	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-21

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 17:35	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 17:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 17:35	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 17:35	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 17:35	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 17:35	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 17:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 17:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 17:35	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 17:35	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 17:35	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 17:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 17:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 17:35	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 17:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 17:35	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 17:35	1
Acetone	ND		10	3.0	ug/L			01/12/22 17:35	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 17:35	1
Acrolein	ND		20	0.91	ug/L			01/12/22 17:35	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 17:35	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 17:35	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 17:35	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 17:35	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 17:35	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 17:35	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 17:35	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 17:35	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 17:35	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 17:35	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 17:35	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 17:35	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 17:35	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 17:35	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 17:35	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 17:35	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 17:35	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 17:35	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 17:35	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 17:35	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 17:35	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 17:35	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 17:35	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 17:35	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 17:35	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 17:35	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 17:35	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 17:35	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-194102-4

Matrix: Water

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 17:35	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 17:35	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 17:35	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 17:35	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 17:35	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 17:35	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 17:35	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 17:35	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 17:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 17:35	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					01/12/22 17:35	1
4-Bromofluorobenzene (Surr)	106		73 - 120					01/12/22 17:35	1
Toluene-d8 (Surr)	100		80 - 120					01/12/22 17:35	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/13/22 11:11	01/13/22 17:10
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	01/13/22 17:10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 18:52
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 18:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120			1
DCB Decachlorobiphenyl	77		19 - 120			1
Tetrachloro-m-xylene	87		39 - 121			1
Tetrachloro-m-xylene	98		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.1		1.0	0.43	mg/L			01/15/22 02:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.06				SU			01/10/22 11:20	1
Field Conductivity	1152				umhos/cm			01/10/22 11:20	1
Field Temperature	13.7				Degrees C			01/10/22 11:20	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-23

Date Collected: 01/10/22 12:50

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 17:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 17:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 17:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 17:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 17:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 17:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 17:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 17:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 17:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 17:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 17:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 17:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 17:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 17:58	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 17:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 17:58	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 17:58	1
Acetone	ND		10	3.0	ug/L			01/12/22 17:58	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 17:58	1
Acrolein	ND		20	0.91	ug/L			01/12/22 17:58	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 17:58	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 17:58	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 17:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 17:58	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 17:58	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 17:58	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 17:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 17:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 17:58	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 17:58	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 17:58	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 17:58	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 17:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 17:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 17:58	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 17:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 17:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 17:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 17:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 17:58	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 17:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 17:58	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 17:58	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 17:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 17:58	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 17:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 17:58	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 17:58	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-194102-5

Matrix: Water

Date Collected: 01/10/22 12:50

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 17:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 17:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 17:58	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 17:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 17:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 17:58	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 17:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 17:58	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 17:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 17:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					01/12/22 17:58	1
4-Bromofluorobenzene (Surr)	101		73 - 120					01/12/22 17:58	1
Toluene-d8 (Surr)	98		80 - 120					01/12/22 17:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/13/22 11:11	01/13/22 17:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/13/22 11:11	01/13/22 17:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1221	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1232	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1242	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1248	ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1254	ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 19:05	1
PCB-1260	ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 120	01/19/22 09:07	01/19/22 19:05	1
DCB Decachlorobiphenyl	68		19 - 120	01/19/22 09:07	01/19/22 19:05	1
Tetrachloro-m-xylene	84		39 - 121	01/19/22 09:07	01/19/22 19:05	1
Tetrachloro-m-xylene	91		39 - 121	01/19/22 09:07	01/19/22 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			01/15/22 03:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			01/10/22 12:50	1
Field Conductivity	1115				umhos/cm			01/10/22 12:50	1
Field Temperature	14.4				Degrees C			01/10/22 12:50	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-24

Date Collected: 01/10/22 13:19

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 18:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 18:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 18:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 18:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 18:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 18:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 18:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 18:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 18:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 18:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 18:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 18:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 18:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 18:21	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 18:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 18:21	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 18:21	1
Acetone	ND		10	3.0	ug/L			01/12/22 18:21	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 18:21	1
Acrolein	ND		20	0.91	ug/L			01/12/22 18:21	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 18:21	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 18:21	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 18:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 18:21	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 18:21	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 18:21	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 18:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 18:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 18:21	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 18:21	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 18:21	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 18:21	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 18:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 18:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 18:21	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 18:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 18:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 18:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 18:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 18:21	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 18:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 18:21	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 18:21	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 18:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 18:21	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 18:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 18:21	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 18:21	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Lab Sample ID: 480-194102-6

Matrix: Water

Date Collected: 01/10/22 13:19

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 18:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 18:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 18:21	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 18:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 18:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 18:21	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 18:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 18:21	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 18:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 18:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					01/12/22 18:21	1
4-Bromofluorobenzene (Surr)	101		73 - 120					01/12/22 18:21	1
Toluene-d8 (Surr)	95		80 - 120					01/12/22 18:21	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/13/22 11:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/13/22 11:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	1
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		19 - 120			1
DCB Decachlorobiphenyl	64		19 - 120			1
Tetrachloro-m-xylene	87		39 - 121			1
Tetrachloro-m-xylene	98		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.2		1.0	0.43	mg/L			01/15/22 05:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.45				SU			01/10/22 13:19	1
Field Conductivity	2170				umhos/cm			01/10/22 13:19	1
Field Temperature	13.9				Degrees C			01/10/22 13:19	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-16

Date Collected: 01/10/22 14:14

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 18:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 18:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 18:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 18:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 18:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 18:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 18:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 18:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 18:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 18:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 18:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 18:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 18:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 18:45	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 18:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 18:45	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 18:45	1
Acetone	ND		10	3.0	ug/L			01/12/22 18:45	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 18:45	1
Acrolein	ND		20	0.91	ug/L			01/12/22 18:45	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 18:45	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 18:45	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 18:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 18:45	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 18:45	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 18:45	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 18:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 18:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 18:45	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 18:45	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 18:45	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 18:45	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 18:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 18:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 18:45	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 18:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 18:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 18:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 18:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 18:45	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 18:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 18:45	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 18:45	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 18:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 18:45	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 18:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 18:45	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 18:45	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Lab Sample ID: 480-194102-7

Matrix: Water

Date Collected: 01/10/22 14:14

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 18:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 18:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 18:45	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 18:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 18:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 18:45	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 18:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 18:45	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 18:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 18:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					01/12/22 18:45	1
4-Bromofluorobenzene (Surr)	103		73 - 120					01/12/22 18:45	1
Toluene-d8 (Surr)	98		80 - 120					01/12/22 18:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/13/22 11:11	01/13/22 18:09
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	01/13/22 18:09

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 19:31
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 19:31

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 120			1
DCB Decachlorobiphenyl	53		19 - 120			1
Tetrachloro-m-xylene	78		39 - 121			1
Tetrachloro-m-xylene	98		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.8		1.0	0.43	mg/L			01/15/22 06:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.65				SU			01/10/22 14:14	1
Field Conductivity	2500				umhos/cm			01/10/22 14:14	1
Field Temperature	13.6				Degrees C			01/10/22 14:14	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-18

Date Collected: 01/10/22 14:35

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 19:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 19:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 19:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 19:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 19:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 19:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 19:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 19:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 19:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 19:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 19:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 19:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 19:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 19:08	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 19:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 19:08	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 19:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 19:08	1
Acetone	ND		10	3.0	ug/L			01/12/22 19:08	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 19:08	1
Acrolein	ND		20	0.91	ug/L			01/12/22 19:08	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 19:08	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 19:08	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 19:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 19:08	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 19:08	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 19:08	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 19:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 19:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 19:08	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 19:08	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 19:08	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 19:08	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 19:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 19:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 19:08	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 19:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 19:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 19:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 19:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 19:08	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 19:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 19:08	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 19:08	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 19:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 19:08	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 19:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 19:08	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 19:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Lab Sample ID: 480-194102-8

Matrix: Water

Date Collected: 01/10/22 14:35

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 19:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 19:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 19:08	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 19:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 19:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 19:08	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 19:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 19:08	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 19:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 19:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					01/12/22 19:08	1
4-Bromofluorobenzene (Surr)	101		73 - 120					01/12/22 19:08	1
Toluene-d8 (Surr)	97		80 - 120					01/12/22 19:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/13/22 11:11	01/13/22 18:29
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/13/22 11:11	01/13/22 18:29

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 19:44
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 19:44

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 120			1
DCB Decachlorobiphenyl	72		19 - 120			1
Tetrachloro-m-xylene	84		39 - 121			1
Tetrachloro-m-xylene	96		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.9		1.0	0.43	mg/L			01/15/22 07:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.70				SU			01/10/22 14:35	1
Field Conductivity	1950				umhos/cm			01/10/22 14:35	1
Field Temperature	13.7				Degrees C			01/10/22 14:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-17

Date Collected: 01/10/22 15:26

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 19:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 19:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 19:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 19:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 19:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 19:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 19:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 19:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 19:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 19:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 19:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 19:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 19:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 19:32	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 19:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 19:32	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 19:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 19:32	1
Acetone	ND		10	3.0	ug/L			01/12/22 19:32	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 19:32	1
Acrolein	ND		20	0.91	ug/L			01/12/22 19:32	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 19:32	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 19:32	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 19:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 19:32	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 19:32	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 19:32	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 19:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 19:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 19:32	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 19:32	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 19:32	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 19:32	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 19:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 19:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 19:32	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 19:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 19:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 19:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 19:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 19:32	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 19:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 19:32	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 19:32	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 19:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 19:32	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 19:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 19:32	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 19:32	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Lab Sample ID: 480-194102-9

Matrix: Water

Date Collected: 01/10/22 15:26

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 19:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 19:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 19:32	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 19:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 19:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 19:32	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 19:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 19:32	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 19:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 19:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					01/12/22 19:32	1
4-Bromofluorobenzene (Surr)	104		73 - 120					01/12/22 19:32	1
Toluene-d8 (Surr)	98		80 - 120					01/12/22 19:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/13/22 11:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/13/22 11:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	1
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	1
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		19 - 120			1
DCB Decachlorobiphenyl	59		19 - 120			1
Tetrachloro-m-xylene	103		39 - 121			1
Tetrachloro-m-xylene	109		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			01/15/22 08:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			01/10/22 15:26	1
Field Conductivity	2490				umhos/cm			01/10/22 15:26	1
Field Temperature	13.5				Degrees C			01/10/22 15:26	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-15

Date Collected: 01/10/22 15:45

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 19:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 19:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 19:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 19:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 19:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 19:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 19:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 19:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 19:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 19:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 19:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 19:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 19:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 19:55	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 19:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 19:55	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 19:55	1
Acetone	ND		10	3.0	ug/L			01/12/22 19:55	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 19:55	1
Acrolein	ND		20	0.91	ug/L			01/12/22 19:55	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 19:55	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 19:55	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 19:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 19:55	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 19:55	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 19:55	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 19:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 19:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 19:55	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 19:55	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 19:55	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 19:55	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 19:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 19:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 19:55	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 19:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 19:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 19:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 19:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 19:55	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 19:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 19:55	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 19:55	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 19:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 19:55	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 19:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 19:55	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 19:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-194102-10

Matrix: Water

Date Collected: 01/10/22 15:45

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 19:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 19:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 19:55	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 19:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 19:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 19:55	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 19:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 19:55	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 19:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 19:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 19:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					01/12/22 19:55	1
4-Bromofluorobenzene (Surr)	101		73 - 120					01/12/22 19:55	1
Toluene-d8 (Surr)	98		80 - 120					01/12/22 19:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/13/22 11:11	01/13/22 19:09
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/13/22 11:11	01/13/22 19:09

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1221	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1232	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1242	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1248	ND		0.50	0.18	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1254	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 20:09
PCB-1260	ND		0.50	0.25	ug/L			01/19/22 09:07	01/19/22 20:09

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		19 - 120			1
DCB Decachlorobiphenyl	79		19 - 120			1
Tetrachloro-m-xylene	84		39 - 121			1
Tetrachloro-m-xylene	100		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			01/15/22 08:31	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79				SU			01/10/22 15:45	1
Field Conductivity	2450				umhos/cm			01/10/22 15:45	1
Field Temperature	13.3				Degrees C			01/10/22 15:45	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-1

Date Collected: 01/10/22 16:40

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194106-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 20:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 20:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 20:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 20:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 20:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 20:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 20:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 20:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 20:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 20:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 20:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 20:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 20:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 20:19	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 20:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 20:19	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 20:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 20:19	1
Acetone	ND		10	3.0	ug/L			01/12/22 20:19	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 20:19	1
Acrolein	ND		20	0.91	ug/L			01/12/22 20:19	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 20:19	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 20:19	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 20:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 20:19	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 20:19	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 20:19	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 20:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 20:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 20:19	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 20:19	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 20:19	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 20:19	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 20:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 20:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 20:19	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 20:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 20:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 20:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 20:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 20:19	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 20:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 20:19	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 20:19	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 20:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 20:19	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 20:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 20:19	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 20:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Lab Sample ID: 480-194106-1

Matrix: Water

Date Collected: 01/10/22 16:40

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 20:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 20:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/22 20:19	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 20:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 20:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 20:19	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 20:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 20:19	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 20:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 20:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					01/12/22 20:19	1
4-Bromofluorobenzene (Surr)	97		73 - 120					01/12/22 20:19	1
Toluene-d8 (Surr)	95		80 - 120					01/12/22 20:19	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			01/13/22 11:11	01/13/22 19:29
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/13/22 11:11	01/13/22 19:29

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1221	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1232	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1242	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1248	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1254	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:59
PCB-1260	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 22:59

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120			1
DCB Decachlorobiphenyl	74		19 - 120			1
Tetrachloro-m-xylene	76		39 - 121			1
Tetrachloro-m-xylene	99		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	14.2		1.0	0.43	mg/L			01/15/22 06:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.25				SU			01/10/22 16:40	1
Field Conductivity	2620				umhos/cm			01/10/22 16:40	1
Field Temperature	14.7				Degrees C			01/10/22 16:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-2

Date Collected: 01/10/22 16:50

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194106-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 20:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 20:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 20:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 20:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 20:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 20:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 20:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 20:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 20:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 20:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 20:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 20:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 20:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 20:42	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 20:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 20:42	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 20:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 20:42	1
Acetone	ND		10	3.0	ug/L			01/12/22 20:42	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 20:42	1
Acrolein	ND		20	0.91	ug/L			01/12/22 20:42	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 20:42	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 20:42	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 20:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 20:42	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 20:42	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 20:42	1
Carbon disulfide	ND	*	2.0	0.19	ug/L			01/12/22 20:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 20:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 20:42	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 20:42	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 20:42	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 20:42	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 20:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 20:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 20:42	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 20:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 20:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 20:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 20:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 20:42	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 20:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 20:42	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 20:42	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 20:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 20:42	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 20:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 20:42	1
Propionitrile	ND		50	5.8	ug/L			01/12/22 20:42	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Lab Sample ID: 480-194106-2

Matrix: Water

Date Collected: 01/10/22 16:50

Date Received: 01/12/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/22 20:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/22 20:42	1
Tetrahydrofuran	2.0 J		5.0	1.3	ug/L			01/12/22 20:42	1
Toluene	ND		2.0	0.51	ug/L			01/12/22 20:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/22 20:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/12/22 20:42	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/22 20:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/22 20:42	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/22 20:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/22 20:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/22 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					01/12/22 20:42	1
4-Bromofluorobenzene (Surr)	96		73 - 120					01/12/22 20:42	1
Toluene-d8 (Surr)	95		80 - 120					01/12/22 20:42	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/13/22 11:11	01/13/22 19:49
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/13/22 11:11	01/13/22 19:49

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1221	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1232	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1242	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1248	ND		0.50	0.18	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1254	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 23:12
PCB-1260	ND		0.50	0.25	ug/L			01/14/22 09:37	01/16/22 23:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120			1
DCB Decachlorobiphenyl	66		19 - 120			1
Tetrachloro-m-xylene	53		39 - 121			1
Tetrachloro-m-xylene	70		39 - 121			1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12.7		1.0	0.43	mg/L			01/15/22 07:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.33				SU			01/10/22 16:50	1
Field Conductivity	1753				umhos/cm			01/10/22 16:50	1
Field Temperature	13.5				Degrees C			01/10/22 16:50	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-26

Date Collected: 01/19/22 09:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 18:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 18:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 18:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 18:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 18:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 18:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 18:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 18:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 18:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 18:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 18:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 18:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 18:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 18:39	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 18:39	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 18:39	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 18:39	1
Acetone	ND		10	3.0	ug/L			01/24/22 18:39	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 18:39	1
Acrolein	ND		20	0.91	ug/L			01/24/22 18:39	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 18:39	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 18:39	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 18:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 18:39	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 18:39	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 18:39	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 18:39	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 18:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 18:39	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 18:39	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 18:39	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 18:39	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 18:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 18:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 18:39	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 18:39	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 18:39	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 18:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 18:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 18:39	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 18:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 18:39	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 18:39	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 18:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 18:39	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 18:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 18:39	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 18:39	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-26

Date Collected: 01/19/22 09:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 18:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 18:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 18:39	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 18:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 18:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 18:39	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 18:39	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 18:39	1
Vinyl acetate	ND	*+	10	0.85	ug/L			01/24/22 18:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 18:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/24/22 18:39	1
4-Bromofluorobenzene (Surr)	115		73 - 120		01/24/22 18:39	1
Toluene-d8 (Surr)	100		80 - 120		01/24/22 18:39	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 12:49	01/24/22 16:26	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/24/22 16:26	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:16	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 120	01/24/22 15:23	01/25/22 18:16	1
Tetrachloro-m-xylene	68		39 - 121	01/24/22 15:23	01/25/22 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.0		1.0	0.43	mg/L			01/26/22 17:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.41				SU			01/19/22 09:40	1
Field Conductivity	2100				umhos/cm			01/19/22 09:40	1
Field Temperature	14.0				Degrees C			01/19/22 09:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-4

Date Collected: 01/19/22 10:18

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 19:02	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 19:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 19:02	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 19:02	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 19:02	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 19:02	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 19:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 19:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 19:02	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 19:02	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 19:02	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 19:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 19:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 19:02	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 19:02	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 19:02	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 19:02	1
Acetone	ND		10	3.0	ug/L			01/24/22 19:02	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 19:02	1
Acrolein	ND		20	0.91	ug/L			01/24/22 19:02	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 19:02	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 19:02	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 19:02	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 19:02	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 19:02	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 19:02	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 19:02	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 19:02	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 19:02	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 19:02	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 19:02	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 19:02	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 19:02	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 19:02	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 19:02	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 19:02	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 19:02	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 19:02	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 19:02	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 19:02	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 19:02	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 19:02	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 19:02	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 19:02	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 19:02	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 19:02	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 19:02	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 19:02	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-4

Date Collected: 01/19/22 10:18

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 19:02	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 19:02	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 19:02	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 19:02	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 19:02	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 19:02	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 19:02	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 19:02	1
Vinyl acetate	ND	*+	10	0.85	ug/L			01/24/22 19:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 19:02	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/24/22 19:02	1
4-Bromofluorobenzene (Surr)	110		73 - 120		01/24/22 19:02	1
Toluene-d8 (Surr)	102		80 - 120		01/24/22 19:02	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/24/22 12:49	01/24/22 16:45	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		01/24/22 12:49	01/24/22 16:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:29	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		19 - 120	01/24/22 15:23	01/25/22 18:29	1
Tetrachloro-m-xylene	81		39 - 121	01/24/22 15:23	01/25/22 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			01/26/22 18:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.51				SU			01/19/22 10:18	1
Field Conductivity	1886				umhos/cm			01/19/22 10:18	1
Field Temperature	14.4				Degrees C			01/19/22 10:18	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-3

Date Collected: 01/19/22 11:21

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 19:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 19:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 19:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 19:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 19:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 19:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 19:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 19:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 19:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 19:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 19:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 19:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 19:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 19:24	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 19:24	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 19:24	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 19:24	1
Acetone	ND		10	3.0	ug/L			01/24/22 19:24	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 19:24	1
Acrolein	ND		20	0.91	ug/L			01/24/22 19:24	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 19:24	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 19:24	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 19:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 19:24	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 19:24	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 19:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 19:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 19:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 19:24	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 19:24	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 19:24	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 19:24	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 19:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 19:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 19:24	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 19:24	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 19:24	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 19:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 19:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 19:24	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 19:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 19:24	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 19:24	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 19:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 19:24	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 19:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 19:24	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 19:24	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: LD-3

Date Collected: 01/19/22 11:21

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 19:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 19:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 19:24	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 19:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 19:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 19:24	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 19:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 19:24	1
Vinyl acetate	ND	*+	10	0.85	ug/L			01/24/22 19:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 19:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/24/22 19:24	1
4-Bromofluorobenzene (Surr)	110		73 - 120		01/24/22 19:24	1
Toluene-d8 (Surr)	100		80 - 120		01/24/22 19:24	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/24/22 12:49	01/24/22 17:05	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/24/22 17:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:42	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120	01/24/22 15:23	01/25/22 18:42	1
Tetrachloro-m-xylene	74		39 - 121	01/24/22 15:23	01/25/22 18:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			01/26/22 19:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.56				SU			01/19/22 11:21	1
Field Conductivity	2100				umhos/cm			01/19/22 11:21	1
Field Temperature	14.6				Degrees C			01/19/22 11:21	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-25

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 19:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 19:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 19:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 19:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 19:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 19:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 19:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 19:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 19:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 19:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 19:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 19:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 19:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 19:46	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 19:46	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 19:46	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 19:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 19:46	1
Acetone	ND		10	3.0	ug/L			01/24/22 19:46	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 19:46	1
Acrolein	ND		20	0.91	ug/L			01/24/22 19:46	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 19:46	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 19:46	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 19:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 19:46	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 19:46	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 19:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 19:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 19:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 19:46	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 19:46	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 19:46	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 19:46	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 19:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 19:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 19:46	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 19:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 19:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 19:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 19:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 19:46	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 19:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 19:46	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 19:46	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 19:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 19:46	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 19:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 19:46	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 19:46	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Lab Sample ID: 480-194388-4

Matrix: Water

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 19:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 19:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 19:46	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 19:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 19:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 19:46	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 19:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 19:46	1
Vinyl acetate	ND	*+	10	0.85	ug/L			01/24/22 19:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 19:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					01/24/22 19:46	1
4-Bromofluorobenzene (Surr)	112		73 - 120					01/24/22 19:46	1
Toluene-d8 (Surr)	99		80 - 120					01/24/22 19:46	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/24/22 12:49	01/24/22 17:25	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/24/22 17:25	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:56	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 120				01/24/22 15:23	01/25/22 18:56	1
Tetrachloro-m-xylene	67		39 - 121				01/24/22 15:23	01/25/22 18:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.5		1.0	0.43	mg/L			01/26/22 20:25	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.58				SU			01/19/22 11:55	1
Field Conductivity	1712				umhos/cm			01/19/22 11:55	1
Field Temperature	14.8				Degrees C			01/19/22 11:55	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: DUP TSCA #1

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 20:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 20:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 20:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 20:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 20:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 20:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 20:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 20:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 20:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 20:08	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 20:08	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 20:08	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 20:08	1
Acetone	ND		10	3.0	ug/L			01/24/22 20:08	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 20:08	1
Acrolein	ND		20	0.91	ug/L			01/24/22 20:08	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 20:08	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 20:08	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 20:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 20:08	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 20:08	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 20:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 20:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 20:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 20:08	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 20:08	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 20:08	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 20:08	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 20:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 20:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 20:08	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 20:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 20:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 20:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 20:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 20:08	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 20:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 20:08	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 20:08	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 20:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 20:08	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 20:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 20:08	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 20:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA #1

Lab Sample ID: 480-194388-5

Matrix: Water

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 20:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 20:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 20:08	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 20:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 20:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 20:08	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 20:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 20:08	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/24/22 20:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 20:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/24/22 20:08	1
4-Bromofluorobenzene (Surr)	109		73 - 120		01/24/22 20:08	1
Toluene-d8 (Surr)	101		80 - 120		01/24/22 20:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 12:49	01/24/22 17:45	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/24/22 17:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:09	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		19 - 120	01/24/22 15:23	01/25/22 19:09	1
Tetrachloro-m-xylene	73		39 - 121	01/24/22 15:23	01/25/22 19:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.4		1.0	0.43	mg/L			01/26/22 20:53	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.58				SU			01/19/22 11:55	1
Field Conductivity	1712				umhos/cm			01/19/22 11:55	1
Field Temperature	14.8				Degrees C			01/19/22 11:55	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-19

Date Collected: 01/19/22 13:03

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194388-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 20:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 20:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 20:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 20:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 20:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 20:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 20:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 20:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 20:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 20:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 20:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 20:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 20:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 20:30	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 20:30	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/24/22 20:30	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 20:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 20:30	1
Acetone	ND		10	3.0	ug/L			01/24/22 20:30	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 20:30	1
Acrolein	ND		20	0.91	ug/L			01/24/22 20:30	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 20:30	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 20:30	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 20:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 20:30	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 20:30	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 20:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 20:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 20:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 20:30	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 20:30	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 20:30	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 20:30	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 20:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 20:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 20:30	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 20:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 20:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 20:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 20:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 20:30	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 20:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 20:30	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 20:30	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 20:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 20:30	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 20:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 20:30	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 20:30	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-194388-6

Matrix: Water

Date Collected: 01/19/22 13:03

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/24/22 20:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 20:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 20:30	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 20:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 20:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 20:30	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 20:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 20:30	1
Vinyl acetate	ND	*+	10	0.85	ug/L			01/24/22 20:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 20:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/24/22 20:30	1
4-Bromofluorobenzene (Surr)	112		73 - 120		01/24/22 20:30	1
Toluene-d8 (Surr)	100		80 - 120		01/24/22 20:30	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 12:49	01/24/22 18:05	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 12:49	01/24/22 18:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:22	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		19 - 120	01/24/22 15:23	01/25/22 19:22	1
Tetrachloro-m-xylene	85		39 - 121	01/24/22 15:23	01/25/22 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.9		1.0	0.43	mg/L			01/26/22 21:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.45				SU			01/19/22 13:03	1
Field Conductivity	1449				umhos/cm			01/19/22 13:03	1
Field Temperature	14.0				Degrees C			01/19/22 13:03	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-10

Date Collected: 01/19/22 16:51

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 04:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 04:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 04:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 04:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 04:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 04:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 04:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 04:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 04:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 04:15	1
1,2-Dichloroethene, Total	0.85 J		2.0	0.81	ug/L			01/25/22 04:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 04:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 04:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 04:15	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 04:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 04:15	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 04:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 04:15	1
Acetone	ND		10	3.0	ug/L			01/25/22 04:15	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 04:15	1
Acrolein	ND		20	0.91	ug/L			01/25/22 04:15	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 04:15	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 04:15	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 04:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 04:15	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 04:15	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 04:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 04:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 04:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 04:15	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 04:15	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 04:15	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 04:15	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 04:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 04:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 04:15	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 04:15	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 04:15	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 04:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 04:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 04:15	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 04:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 04:15	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 04:15	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 04:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 04:15	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 04:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 04:15	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 04:15	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-10

Date Collected: 01/19/22 16:51

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 04:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 04:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 04:15	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 04:15	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 04:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 04:15	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 04:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 04:15	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 04:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 04:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/25/22 04:15	1
4-Bromofluorobenzene (Surr)	110		73 - 120		01/25/22 04:15	1
Toluene-d8 (Surr)	100		80 - 120		01/25/22 04:15	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 12:49	01/24/22 18:24	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 12:49	01/24/22 18:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:36	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		19 - 120		01/24/22 15:23	01/25/22 19:36
Tetrachloro-m-xylene	78		39 - 121		01/24/22 15:23	01/25/22 19:36

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.43	mg/L			01/26/22 21:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.36				SU			01/19/22 16:51	1
Field Conductivity	1255				umhos/cm			01/19/22 16:51	1
Field Temperature	14.2				Degrees C			01/19/22 16:51	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-3

Date Collected: 01/19/22 17:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 04:37	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 04:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 04:37	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 04:37	1
1,1-Dichloroethane	23		2.0	0.38	ug/L			01/25/22 04:37	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 04:37	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 04:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 04:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 04:37	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 04:37	1
1,2-Dichloroethene, Total	17		2.0	0.81	ug/L			01/25/22 04:37	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 04:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 04:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 04:37	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 04:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 04:37	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 04:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 04:37	1
Acetone	ND		10	3.0	ug/L			01/25/22 04:37	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 04:37	1
Acrolein	ND		20	0.91	ug/L			01/25/22 04:37	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 04:37	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 04:37	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 04:37	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 04:37	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 04:37	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 04:37	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 04:37	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 04:37	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 04:37	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 04:37	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 04:37	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 04:37	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 04:37	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 04:37	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 04:37	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 04:37	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 04:37	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 04:37	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 04:37	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 04:37	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 04:37	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 04:37	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 04:37	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 04:37	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 04:37	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 04:37	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 04:37	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 04:37	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-194389-2

Matrix: Water

Date Collected: 01/19/22 17:40

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 04:37	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 04:37	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 04:37	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 04:37	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 04:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 04:37	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 04:37	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 04:37	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 04:37	1
Vinyl chloride	1.3		1.0	0.90	ug/L			01/25/22 04:37	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					01/25/22 04:37	1
4-Bromofluorobenzene (Surr)	110		73 - 120					01/25/22 04:37	1
Toluene-d8 (Surr)	100		80 - 120					01/25/22 04:37	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 12:49	01/24/22 19:04	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		01/24/22 12:49	01/24/22 19:04	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:49	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		19 - 120				01/24/22 15:23	01/25/22 19:49	1
Tetrachloro-m-xylene	80		39 - 121				01/24/22 15:23	01/25/22 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.5		1.0	0.43	mg/L			01/26/22 22:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.81				SU			01/19/22 17:40	1
Field Conductivity	1223				umhos/cm			01/19/22 17:40	1
Field Temperature	14.2				Degrees C			01/19/22 17:40	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-11

Date Collected: 01/19/22 18:48

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 04:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 04:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 04:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 04:59	1
1,1-Dichloroethane	0.53 J		2.0	0.38	ug/L			01/25/22 04:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 04:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 04:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 04:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 04:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 04:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 04:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 04:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 04:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 04:59	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 04:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 04:59	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 04:59	1
Acetone	ND		10	3.0	ug/L			01/25/22 04:59	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 04:59	1
Acrolein	ND		20	0.91	ug/L			01/25/22 04:59	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 04:59	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 04:59	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 04:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 04:59	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 04:59	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 04:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 04:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 04:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 04:59	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 04:59	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 04:59	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 04:59	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 04:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 04:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 04:59	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 04:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 04:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 04:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 04:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 04:59	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 04:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 04:59	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 04:59	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 04:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 04:59	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 04:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 04:59	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 04:59	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Lab Sample ID: 480-194389-3

Matrix: Water

Date Collected: 01/19/22 18:48

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 04:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 04:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 04:59	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 04:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 04:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 04:59	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 04:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 04:59	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 04:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 04:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/25/22 04:59	1
4-Bromofluorobenzene (Surr)	110		73 - 120		01/25/22 04:59	1
Toluene-d8 (Surr)	102		80 - 120		01/25/22 04:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 12:49	01/24/22 19:24	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 12:49	01/24/22 19:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:02	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120		01/24/22 15:23	01/25/22 20:02
Tetrachloro-m-xylene	82		39 - 121		01/24/22 15:23	01/25/22 20:02

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.3		1.0	0.43	mg/L			01/26/22 22:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88				SU			01/19/22 18:48	1
Field Conductivity	1206				umhos/cm			01/19/22 18:48	1
Field Temperature	14.0				Degrees C			01/19/22 18:48	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-5

Date Collected: 01/20/22 09:42

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 05:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 05:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 05:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 05:22	1
1,1-Dichloroethane	7.1		2.0	0.38	ug/L			01/25/22 05:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 05:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 05:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 05:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 05:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 05:22	1
1,2-Dichloroethene, Total	22		2.0	0.81	ug/L			01/25/22 05:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 05:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 05:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 05:22	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 05:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 05:22	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 05:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 05:22	1
Acetone	ND		10	3.0	ug/L			01/25/22 05:22	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 05:22	1
Acrolein	ND		20	0.91	ug/L			01/25/22 05:22	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 05:22	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 05:22	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 05:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 05:22	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 05:22	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 05:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 05:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 05:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 05:22	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 05:22	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 05:22	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 05:22	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 05:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 05:22	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 05:22	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 05:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 05:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 05:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 05:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 05:22	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 05:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 05:22	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 05:22	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 05:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 05:22	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 05:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 05:22	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 05:22	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Lab Sample ID: 480-194389-4

Matrix: Water

Date Collected: 01/20/22 09:42

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 05:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 05:22	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 05:22	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 05:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 05:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 05:22	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 05:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 05:22	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 05:22	1
Vinyl chloride	1.6		1.0	0.90	ug/L			01/25/22 05:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 05:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					01/25/22 05:22	1
4-Bromofluorobenzene (Surr)	111		73 - 120					01/25/22 05:22	1
Toluene-d8 (Surr)	99		80 - 120					01/25/22 05:22	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 12:49	01/24/22 19:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 12:49	01/24/22 19:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:16	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120				01/24/22 15:23	01/25/22 20:16	1
Tetrachloro-m-xylene	87		39 - 121				01/24/22 15:23	01/25/22 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			01/27/22 01:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.84				SU			01/20/22 09:42	1
Field Conductivity	1441				umhos/cm			01/20/22 09:42	1
Field Temperature	13.3				Degrees C			01/20/22 09:42	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: FIELD BLANK TSCA

Date Collected: 01/20/22 14:12

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 05:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 05:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 05:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 05:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 05:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 05:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 05:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 05:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 05:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 05:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 05:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 05:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 05:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 05:44	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 05:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 05:44	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 05:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 05:44	1
Acetone	ND		10	3.0	ug/L			01/25/22 05:44	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 05:44	1
Acrolein	ND		20	0.91	ug/L			01/25/22 05:44	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 05:44	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 05:44	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 05:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 05:44	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 05:44	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 05:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 05:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 05:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 05:44	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 05:44	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 05:44	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 05:44	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 05:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 05:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 05:44	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 05:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 05:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 05:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 05:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 05:44	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 05:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 05:44	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 05:44	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 05:44	1
Methylene Chloride	1.5 J		2.0	0.44	ug/L			01/25/22 05:44	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 05:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 05:44	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 05:44	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-194389-5

Matrix: Water

Date Collected: 01/20/22 14:12

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 05:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 05:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 05:44	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 05:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 05:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 05:44	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 05:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 05:44	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 05:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 05:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					01/25/22 05:44	1
4-Bromofluorobenzene (Surr)	110		73 - 120					01/25/22 05:44	1
Toluene-d8 (Surr)	100		80 - 120					01/25/22 05:44	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 12:49	01/24/22 20:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/24/22 20:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:29	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	41		19 - 120				01/24/22 15:23	01/25/22 20:29	1
Tetrachloro-m-xylene	64		39 - 121				01/24/22 15:23	01/25/22 20:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/27/22 02:04	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.01				SU			01/20/22 14:12	1
Field Conductivity	88.5				umhos/cm			01/20/22 14:12	1
Field Temperature	13.6				Degrees C			01/20/22 14:12	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-6

Date Collected: 01/20/22 11:08

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 15:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 15:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 15:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 15:01	1
1,1-Dichloroethane	20		2.0	0.38	ug/L			01/25/22 15:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 15:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 15:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 15:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 15:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 15:01	1
1,2-Dichloroethene, Total	13		2.0	0.81	ug/L			01/25/22 15:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 15:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 15:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 15:01	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 15:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 15:01	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 15:01	1
Acetone	ND		10	3.0	ug/L			01/25/22 15:01	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 15:01	1
Acrolein	ND		20	0.91	ug/L			01/25/22 15:01	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 15:01	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 15:01	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 15:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 15:01	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 15:01	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 15:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 15:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 15:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 15:01	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 15:01	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 15:01	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 15:01	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 15:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 15:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 15:01	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 15:01	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 15:01	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 15:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 15:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 15:01	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 15:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 15:01	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 15:01	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 15:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 15:01	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 15:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 15:01	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 15:01	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Lab Sample ID: 480-194402-1

Matrix: Water

Date Collected: 01/20/22 11:08

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 15:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 15:01	1
Tetrahydrofuran	2.1 J		5.0	1.3	ug/L			01/25/22 15:01	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 15:01	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 15:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 15:01	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 15:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 15:01	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 15:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 15:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					01/25/22 15:01	1
4-Bromofluorobenzene (Surr)	95		73 - 120					01/25/22 15:01	1
Toluene-d8 (Surr)	97		80 - 120					01/25/22 15:01	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			01/25/22 16:00	01/25/22 18:13
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L			01/25/22 16:00	01/25/22 18:13

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1221	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1232	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1242	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1248	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1254	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:05
PCB-1260	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:05
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		19 - 120					02/02/22 09:13	02/02/22 19:05
Tetrachloro-m-xylene	98		39 - 121					02/02/22 09:13	02/02/22 19:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.4		1.0	0.43	mg/L			02/02/22 18:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.78				SU			01/20/22 11:08	1
Field Conductivity	1437				umhos/cm			01/20/22 11:08	1
Field Temperature	14.1				Degrees C			01/20/22 11:08	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-12

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 01:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 01:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 01:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 01:45	1
1,1-Dichloroethane	0.86 J		2.0	0.38	ug/L			01/25/22 01:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 01:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 01:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 01:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 01:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 01:45	1
1,2-Dichloroethene, Total	11		2.0	0.81	ug/L			01/25/22 01:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 01:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 01:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 01:45	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 01:45	1
2-Butanone (MEK)	5.9 J		10	1.3	ug/L			01/25/22 01:45	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 01:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 01:45	1
Acetone	ND		10	3.0	ug/L			01/25/22 01:45	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 01:45	1
Acrolein	ND		20	0.91	ug/L			01/25/22 01:45	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 01:45	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 01:45	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 01:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 01:45	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 01:45	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 01:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 01:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 01:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 01:45	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 01:45	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 01:45	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 01:45	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 01:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 01:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 01:45	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 01:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 01:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 01:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 01:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 01:45	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 01:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 01:45	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 01:45	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 01:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 01:45	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 01:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 01:45	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 01:45	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-12

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 01:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 01:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 01:45	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 01:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 01:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 01:45	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 01:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 01:45	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 01:45	1
Vinyl chloride	1.5		1.0	0.90	ug/L			01/25/22 01:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					01/25/22 01:45	1
4-Bromofluorobenzene (Surr)	94		73 - 120					01/25/22 01:45	1
Toluene-d8 (Surr)	96		80 - 120					01/25/22 01:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/24/22 14:26	01/24/22 22:41	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 14:26	01/24/22 22:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:42	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120				01/24/22 15:23	01/25/22 20:42	1
Tetrachloro-m-xylene	72		39 - 121				01/24/22 15:23	01/25/22 20:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			02/02/22 19:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			01/20/22 13:19	1
Field Conductivity	1188				umhos/cm			01/20/22 13:19	1
Field Temperature	13.7				Degrees C			01/20/22 13:19	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: DUP TSCA #3

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 02:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 02:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 02:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 02:08	1
1,1-Dichloroethane	1.2 J		2.0	0.38	ug/L			01/25/22 02:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 02:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 02:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 02:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 02:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 02:08	1
1,2-Dichloroethene, Total	11		2.0	0.81	ug/L			01/25/22 02:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 02:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 02:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 02:08	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 02:08	1
2-Butanone (MEK)	7.7 J		10	1.3	ug/L			01/25/22 02:08	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 02:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 02:08	1
Acetone	ND		10	3.0	ug/L			01/25/22 02:08	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 02:08	1
Acrolein	ND		20	0.91	ug/L			01/25/22 02:08	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 02:08	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 02:08	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 02:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 02:08	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 02:08	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 02:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 02:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 02:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 02:08	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 02:08	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 02:08	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 02:08	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 02:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 02:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 02:08	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 02:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 02:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 02:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 02:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 02:08	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 02:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 02:08	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 02:08	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 02:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 02:08	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 02:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 02:08	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 02:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA #3

Lab Sample ID: 480-194402-5

Matrix: Water

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 02:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 02:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 02:08	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 02:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 02:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 02:08	1
Trichloroethene	0.66	J	2.0	0.46	ug/L			01/25/22 02:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 02:08	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 02:08	1
Vinyl chloride	1.9		1.0	0.90	ug/L			01/25/22 02:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					01/25/22 02:08	1
4-Bromofluorobenzene (Surr)	96		73 - 120					01/25/22 02:08	1
Toluene-d8 (Surr)	98		80 - 120					01/25/22 02:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		01/24/22 14:26	01/24/22 23:01	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		01/24/22 14:26	01/24/22 23:01	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:55	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120				01/24/22 15:23	01/25/22 20:55	1
Tetrachloro-m-xylene	77		39 - 121				01/24/22 15:23	01/25/22 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			02/02/22 20:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			01/20/22 13:19	1
Field Conductivity	1188				umhos/cm			01/20/22 13:19	1
Field Temperature	13.7				Degrees C			01/20/22 13:19	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-4

Date Collected: 01/20/22 12:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 02:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 02:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 02:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 02:32	1
1,1-Dichloroethane	6.1		2.0	0.38	ug/L			01/25/22 02:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 02:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 02:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 02:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 02:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 02:32	1
1,2-Dichloroethene, Total	19		2.0	0.81	ug/L			01/25/22 02:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 02:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 02:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 02:32	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 02:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 02:32	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 02:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 02:32	1
Acetone	ND		10	3.0	ug/L			01/25/22 02:32	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 02:32	1
Acrolein	ND		20	0.91	ug/L			01/25/22 02:32	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 02:32	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 02:32	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 02:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 02:32	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 02:32	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 02:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 02:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 02:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 02:32	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 02:32	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 02:32	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 02:32	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 02:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 02:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 02:32	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 02:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 02:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 02:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 02:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 02:32	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 02:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 02:32	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 02:32	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 02:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 02:32	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 02:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 02:32	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 02:32	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Lab Sample ID: 480-194402-6

Matrix: Water

Date Collected: 01/20/22 12:40

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 02:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 02:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 02:32	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 02:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 02:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 02:32	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 02:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 02:32	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 02:32	1
Vinyl chloride	1.5		1.0	0.90	ug/L			01/25/22 02:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					01/25/22 02:32	1
4-Bromofluorobenzene (Surr)	96		73 - 120					01/25/22 02:32	1
Toluene-d8 (Surr)	99		80 - 120					01/25/22 02:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 14:26	01/24/22 23:20	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		01/24/22 14:26	01/24/22 23:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 21:08	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		19 - 120				01/24/22 15:23	01/25/22 21:08	1
Tetrachloro-m-xylene	84		39 - 121				01/24/22 15:23	01/25/22 21:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			02/02/22 20:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.92				SU			01/20/22 12:40	1
Field Conductivity	1343				umhos/cm			01/20/22 12:40	1
Field Temperature	14.2				Degrees C			01/20/22 12:40	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: TRIP BLANK

Date Collected: 01/20/22 00:00

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 02:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 02:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 02:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 02:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 02:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 02:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 02:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 02:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 02:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 02:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 02:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 02:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 02:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 02:55	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 02:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 02:55	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 02:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 02:55	1
Acetone	ND		10	3.0	ug/L			01/25/22 02:55	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 02:55	1
Acrolein	ND		20	0.91	ug/L			01/25/22 02:55	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 02:55	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 02:55	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 02:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 02:55	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 02:55	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 02:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 02:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 02:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 02:55	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 02:55	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 02:55	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 02:55	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 02:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 02:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 02:55	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 02:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 02:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 02:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 02:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 02:55	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 02:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 02:55	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 02:55	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 02:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 02:55	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 02:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 02:55	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 02:55	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-194402-7

Matrix: Water

Date Collected: 01/20/22 00:00

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 02:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 02:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 02:55	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 02:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 02:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 02:55	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 02:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 02:55	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 02:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 02:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120					01/25/22 02:55	1
4-Bromofluorobenzene (Surr)	96		73 - 120					01/25/22 02:55	1
Toluene-d8 (Surr)	97		80 - 120					01/25/22 02:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 14:26	01/24/22 23:40	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 14:26	01/24/22 23:40	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-20

Date Collected: 01/19/22 13:36

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 06:28	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 06:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 06:28	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 06:28	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 06:28	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 06:28	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 06:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 06:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 06:28	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 06:28	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 06:28	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 06:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 06:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 06:28	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 06:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 06:28	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 06:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 06:28	1
Acetone	ND		10	3.0	ug/L			01/25/22 06:28	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 06:28	1
Acrolein	ND		20	0.91	ug/L			01/25/22 06:28	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 06:28	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 06:28	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 06:28	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 06:28	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 06:28	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 06:28	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 06:28	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 06:28	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 06:28	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 06:28	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 06:28	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 06:28	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 06:28	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 06:28	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 06:28	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 06:28	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 06:28	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 06:28	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 06:28	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 06:28	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 06:28	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 06:28	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 06:28	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 06:28	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 06:28	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 06:28	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 06:28	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 06:28	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-20

Date Collected: 01/19/22 13:36

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 06:28	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 06:28	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 06:28	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 06:28	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 06:28	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 06:28	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 06:28	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 06:28	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 06:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 06:28	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/25/22 06:28	1
4-Bromofluorobenzene (Surr)	109		73 - 120		01/25/22 06:28	1
Toluene-d8 (Surr)	100		80 - 120		01/25/22 06:28	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/25/22 00:00	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/25/22 00:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			02/02/22 19:18	1
PCB-1221	ND		0.50	0.18	ug/L			02/02/22 19:18	1
PCB-1232	ND		0.50	0.18	ug/L			02/02/22 19:18	1
PCB-1242	ND		0.50	0.18	ug/L			02/02/22 19:18	1
PCB-1248	ND		0.50	0.18	ug/L			02/02/22 19:18	1
PCB-1254	ND		0.50	0.25	ug/L			02/02/22 19:18	1
PCB-1260	ND		0.50	0.25	ug/L			02/02/22 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		19 - 120		02/02/22 19:18	1
Tetrachloro-m-xylene	96		39 - 121		02/02/22 19:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			02/02/22 21:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.90			SU				01/19/22 13:36	1
Field Conductivity	1805			umhos/cm				01/19/22 13:36	1
Field Temperature	14.2			Degrees C				01/19/22 13:36	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-14

Date Collected: 01/19/22 15:04

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 06:49	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 06:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 06:49	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 06:49	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 06:49	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 06:49	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 06:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 06:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 06:49	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 06:49	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 06:49	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 06:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 06:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 06:49	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 06:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 06:49	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 06:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 06:49	1
Acetone	ND		10	3.0	ug/L			01/25/22 06:49	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 06:49	1
Acrolein	ND		20	0.91	ug/L			01/25/22 06:49	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 06:49	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 06:49	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 06:49	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 06:49	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 06:49	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 06:49	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 06:49	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 06:49	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 06:49	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 06:49	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 06:49	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 06:49	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 06:49	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 06:49	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 06:49	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 06:49	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 06:49	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 06:49	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 06:49	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 06:49	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 06:49	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 06:49	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 06:49	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 06:49	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 06:49	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 06:49	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 06:49	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 06:49	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-14

Date Collected: 01/19/22 15:04

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 06:49	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 06:49	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 06:49	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 06:49	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 06:49	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 06:49	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 06:49	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 06:49	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 06:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 06:49	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 06:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					01/25/22 06:49	1
4-Bromofluorobenzene (Surr)	112		73 - 120					01/25/22 06:49	1
Toluene-d8 (Surr)	97		80 - 120					01/25/22 06:49	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/24/22 14:26	01/25/22 00:20
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/24/22 14:26	01/25/22 00:20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1221	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1232	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1242	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1248	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1254	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:31
PCB-1260	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:31
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		19 - 120					02/02/22 09:13	02/02/22 19:31
Tetrachloro-m-xylene	115		39 - 121					02/02/22 09:13	02/02/22 19:31

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.9		1.0	0.43	mg/L			02/02/22 21:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.27				SU			01/19/22 15:04	1
Field Conductivity	965				umhos/cm			01/19/22 15:04	1
Field Temperature	14.1				Degrees C			01/19/22 15:04	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-13

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 07:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 07:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 07:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 07:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 07:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 07:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 07:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 07:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 07:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 07:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 07:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 07:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 07:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 07:11	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 07:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 07:11	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 07:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 07:11	1
Acetone	ND		10	3.0	ug/L			01/25/22 07:11	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 07:11	1
Acrolein	ND		20	0.91	ug/L			01/25/22 07:11	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 07:11	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 07:11	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 07:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 07:11	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 07:11	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 07:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 07:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 07:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 07:11	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 07:11	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 07:11	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 07:11	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 07:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 07:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 07:11	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 07:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 07:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 07:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 07:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 07:11	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 07:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 07:11	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 07:11	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 07:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 07:11	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 07:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 07:11	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 07:11	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Lab Sample ID: 480-194403-3

Matrix: Water

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	1
Styrene	ND		2.0	0.73	ug/L			01/25/22 07:11		6
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 07:11		7
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 07:11		8
Toluene	ND		2.0	0.51	ug/L			01/25/22 07:11		9
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 07:11		10
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 07:11		
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 07:11		
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 07:11		
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 07:11		
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 07:11		
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 07:11		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	11
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					01/25/22 07:11		12
4-Bromofluorobenzene (Surr)	110		73 - 120					01/25/22 07:11		13
Toluene-d8 (Surr)	102		80 - 120					01/25/22 07:11		

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	14
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/24/22 14:26	01/25/22 00:39	15
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/24/22 14:26	01/25/22 00:39	16

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	16
PCB-1016	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1221	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1232	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1242	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1248	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1254	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:44	1
PCB-1260	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	17
DCB Decachlorobiphenyl	61		19 - 120					02/02/22 09:13	02/02/22 19:44	1
Tetrachloro-m-xylene	91		39 - 121					02/02/22 09:13	02/02/22 19:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			02/02/22 23:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU			01/19/22 15:48	1
Field Conductivity	1011				umhos/cm			01/19/22 15:48	1
Field Temperature	14.1				Degrees C			01/19/22 15:48	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: DUP TSCA #2

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194403-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/25/22 07:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/25/22 07:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/25/22 07:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/25/22 07:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/25/22 07:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/25/22 07:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/25/22 07:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/22 07:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/22 07:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/25/22 07:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/25/22 07:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/25/22 07:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/22 07:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/22 07:33	1
1,4-Dioxane	ND		40	9.3	ug/L			01/25/22 07:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/22 07:33	1
2-Hexanone	ND		10	1.2	ug/L			01/25/22 07:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/25/22 07:33	1
Acetone	ND		10	3.0	ug/L			01/25/22 07:33	1
Acetonitrile	ND		170	4.9	ug/L			01/25/22 07:33	1
Acrolein	ND		20	0.91	ug/L			01/25/22 07:33	1
Acrylonitrile	ND		20	0.83	ug/L			01/25/22 07:33	1
Allyl chloride	ND		2.0	0.44	ug/L			01/25/22 07:33	1
Benzene	ND		2.0	0.41	ug/L			01/25/22 07:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/25/22 07:33	1
Bromoform	ND		2.0	0.26	ug/L			01/25/22 07:33	1
Bromomethane	ND		2.0	0.69	ug/L			01/25/22 07:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/25/22 07:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/25/22 07:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/25/22 07:33	1
Chloroethane	ND		2.0	0.32	ug/L			01/25/22 07:33	1
Chloroform	ND		2.0	0.34	ug/L			01/25/22 07:33	1
Chloromethane	ND		2.0	0.35	ug/L			01/25/22 07:33	1
Chloroprene	ND		1.0	0.49	ug/L			01/25/22 07:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/25/22 07:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/25/22 07:33	1
Dibromomethane	ND		2.0	0.41	ug/L			01/25/22 07:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/25/22 07:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/25/22 07:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/25/22 07:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/25/22 07:33	1
Iodomethane	ND		2.0	0.30	ug/L			01/25/22 07:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/25/22 07:33	1
Methacrylonitrile	ND		10	0.69	ug/L			01/25/22 07:33	1
Methyl methacrylate	ND		10	0.61	ug/L			01/25/22 07:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/25/22 07:33	1
Naphthalene	ND		1.0	0.43	ug/L			01/25/22 07:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/25/22 07:33	1
Propionitrile	ND		50	5.8	ug/L			01/25/22 07:33	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA #2

Lab Sample ID: 480-194403-4

Matrix: Water

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/25/22 07:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/25/22 07:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/25/22 07:33	1
Toluene	ND		2.0	0.51	ug/L			01/25/22 07:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/25/22 07:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/25/22 07:33	1
Trichloroethene	ND		2.0	0.46	ug/L			01/25/22 07:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/25/22 07:33	1
Vinyl acetate	ND		10	0.85	ug/L			01/25/22 07:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/22 07:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/25/22 07:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					01/25/22 07:33	1
4-Bromofluorobenzene (Surr)	111		73 - 120					01/25/22 07:33	1
Toluene-d8 (Surr)	101		80 - 120					01/25/22 07:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			01/24/22 14:26	01/25/22 00:59
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L			01/24/22 14:26	01/25/22 00:59

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1221	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1232	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1242	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1248	ND		0.50	0.18	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1254	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:56
PCB-1260	ND		0.50	0.25	ug/L			02/02/22 09:13	02/02/22 19:56
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		19 - 120					02/02/22 09:13	02/02/22 19:56
Tetrachloro-m-xylene	104		39 - 121					02/02/22 09:13	02/02/22 19:56

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			02/03/22 00:03	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU			01/19/22 15:48	1
Field Conductivity	1011				umhos/cm			01/19/22 15:48	1
Field Temperature	14.1				Degrees C			01/19/22 15:48	1

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-194100-1	C-6	106	97	95
480-194100-2	C-12	102	100	97
480-194100-3	C-10	103	100	96
480-194100-4	C-2	101	98	95
480-194100-5	C-9	104	100	96
480-194102-1	U-22A	105	99	97
480-194102-2	U-21A	102	99	94
480-194102-3	U-22	99	100	96
480-194102-4	U-21	103	106	100
480-194102-5	U-23	109	101	98
480-194102-6	U-24	104	101	95
480-194102-7	U-16	109	103	98
480-194102-8	U-18	101	101	97
480-194102-9	U-17	107	104	98
480-194102-10	U-15	108	101	98
480-194106-1	LD-1	106	97	95
480-194106-2	LD-2	106	96	95
480-194388-1	U-26	105	115	100
480-194388-2	LD-4	104	110	102
480-194388-3	LD-3	104	110	100
480-194388-4	U-25	105	112	99
480-194388-5	DUP TSCA #1	104	109	101
480-194388-6	U-19	104	112	100
480-194389-1	U-10	104	110	100
480-194389-2	U-3	104	110	100
480-194389-3	U-11	105	110	102
480-194389-4	U-5	103	111	99
480-194389-5	FIELD BLANK TSCA	105	110	100
480-194402-1	U-6	100	95	97
480-194402-1 MS	U-6	98	93	97
480-194402-1 MSD	U-6	98	91	99
480-194402-4	U-12	98	94	96
480-194402-5	DUP TSCA #3	102	96	98
480-194402-6	U-4	101	96	99
480-194402-7	TRIP BLANK	95	96	97
480-194403-1	U-20	104	109	100
480-194403-2	U-14	101	112	97
480-194403-3	U-13	106	110	102
480-194403-4	DUP TSCA #2	105	111	101
LCS 480-611462/5	Lab Control Sample	99	101	99
LCS 480-612547/5	Lab Control Sample	103	114	96
LCS 480-612589/6	Lab Control Sample	100	108	99
LCS 480-612626/5	Lab Control Sample	93	96	96
LCS 480-612680/6	Lab Control Sample	96	92	95
LCS 480-612849/6	Lab Control Sample	98	95	98
LCSD 480-612547/6	Lab Control Sample Dup	106	110	98
MB 480-611462/7	Method Blank	100	101	97
MB 480-612547/8	Method Blank	102	112	101
MB 480-612589/8	Method Blank	101	110	99

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
MB 480-612626/8	Method Blank	98	94	95
MB 480-612680/8	Method Blank	98	96	98
MB 480-612849/8	Method Blank	95	93	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (19-120)	DCBP2 (19-120)	TCX1 (39-121)	TCX2 (39-121)
480-194100-1	C-6	38	46	63	85
480-194100-2	C-12	40	50	73	90
480-194100-3	C-10	37	46	77	96
480-194100-4	C-2	39	47	77	89
480-194100-5	C-9	42	51	74	91
480-194102-1	U-22A	62	74	89	98
480-194102-2	U-21A	55	65	87	95
480-194102-3	U-22	61	74	80	97
480-194102-4	U-21	64	77	87	98
480-194102-5	U-23	57	68	84	91
480-194102-6	U-24	53	64	87	98
480-194102-7	U-16	46	53	78	98
480-194102-8	U-18	59	72	84	96
480-194102-9	U-17	51	59	103	109
480-194102-10	U-15	65	79	84	100
480-194106-1	LD-1	61	74	76	99
480-194106-2	LD-2	52	66	53	70
480-194388-1	U-26	56		68	
480-194388-2	LD-4	65		81	
480-194388-3	LD-3	58		74	
480-194388-4	U-25	57		67	
480-194388-5	DUP TSCA #1	66		73	
480-194388-6	U-19	74		85	
480-194389-1	U-10	49		78	
480-194389-2	U-3	54		80	
480-194389-3	U-11	64		82	
480-194389-4	U-5	62		87	
480-194389-5	FIELD BLANK TSCA	41		64	
480-194402-1	U-6	73		98	
480-194402-1 MS	U-6	66		86	
480-194402-1 MSD	U-6	62		97	
480-194402-4	U-12	58		72	
480-194402-5	DUP TSCA #3	64		77	
480-194402-6	U-4	45		84	
480-194403-1	U-20	77		96	
480-194403-2	U-14	84		115	

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (19-120)	DCBP2 (19-120)	TCX1 (39-121)	TCX2 (39-121)
480-194403-3	U-13		61	91	
480-194403-4	DUP TSCA #2		72	104	
LCS 480-611797/2-A	Lab Control Sample	55	66	63	71
LCS 480-612100/2-A	Lab Control Sample	44	55	76	84
LCS 480-612628/2-A	Lab Control Sample		44		63
LCS 480-613510/2-A	Lab Control Sample		65		111
LCSD 480-611797/3-A	Lab Control Sample Dup	61	75	76	80
LCSD 480-612100/3-A	Lab Control Sample Dup	50	60	79	87
LCSD 480-612628/3-A	Lab Control Sample Dup		37		77
MB 480-611797/1-A	Method Blank	64	74	62	88
MB 480-612100/1-A	Method Blank	47	58	76	92
MB 480-612628/1-A	Method Blank		45		65
MB 480-613510/1-A	Method Blank		75		93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-611462/7

Matrix: Water

Analysis Batch: 611462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/22 13:05	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/22 13:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/22 13:05	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/22 13:05	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/22 13:05	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/22 13:05	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/22 13:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/22 13:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/22 13:05	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/22 13:05	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/22 13:05	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/22 13:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/22 13:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/22 13:05	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/22 13:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/22 13:05	1
2-Hexanone	ND		10	1.2	ug/L			01/12/22 13:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/22 13:05	1
Acetone	ND		10	3.0	ug/L			01/12/22 13:05	1
Acetonitrile	ND		170	4.9	ug/L			01/12/22 13:05	1
Acrolein	ND		20	0.91	ug/L			01/12/22 13:05	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/22 13:05	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/22 13:05	1
Benzene	ND		2.0	0.41	ug/L			01/12/22 13:05	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/22 13:05	1
Bromoform	ND		2.0	0.26	ug/L			01/12/22 13:05	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/22 13:05	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/22 13:05	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/22 13:05	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/22 13:05	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/22 13:05	1
Chloroform	ND		2.0	0.34	ug/L			01/12/22 13:05	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/22 13:05	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/22 13:05	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/22 13:05	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/22 13:05	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/22 13:05	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/22 13:05	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/22 13:05	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/22 13:05	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/22 13:05	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/22 13:05	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/22 13:05	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/22 13:05	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/22 13:05	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/22 13:05	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/22 13:05	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/22 13:05	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-611462/7

Matrix: Water

Analysis Batch: 611462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Surrogate	%Recovery									
Propionitrile	ND				50	5.8	ug/L			01/12/22 13:05	1
Styrene	ND				2.0	0.73	ug/L			01/12/22 13:05	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/12/22 13:05	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/12/22 13:05	1
Toluene	ND				2.0	0.51	ug/L			01/12/22 13:05	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/12/22 13:05	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/12/22 13:05	1
Trichloroethene	ND				2.0	0.46	ug/L			01/12/22 13:05	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/12/22 13:05	1
Vinyl acetate	ND				10	0.85	ug/L			01/12/22 13:05	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/12/22 13:05	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/12/22 13:05	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100				77 - 120					01/12/22 13:05	1
4-Bromofluorobenzene (Surr)	101				73 - 120					01/12/22 13:05	1
Toluene-d8 (Surr)	97				80 - 120					01/12/22 13:05	1

Lab Sample ID: LCS 480-611462/5

Matrix: Water

Analysis Batch: 611462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Surrogate	%Recovery	MB	MB	Limits				
1,1-Dichloroethene	25.0			20.8		ug/L		83	66 - 127	
Benzene	25.0			25.2		ug/L		101	71 - 124	
Chlorobenzene	25.0			26.7		ug/L		107	80 - 120	
Toluene	25.0			26.2		ug/L		105	80 - 122	
Trichloroethene	25.0			26.3		ug/L		105	74 - 123	
Surrogate	LC	LC	%Recovery	MB	MB	Limits				
1,2-Dichloroethane-d4 (Surr)	99			77 - 120						
4-Bromofluorobenzene (Surr)	101			73 - 120						
Toluene-d8 (Surr)	99			80 - 120						

Lab Sample ID: MB 480-612547/8

Matrix: Water

Analysis Batch: 612547

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	Result	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Surrogate	%Recovery	MB	MB	Limits						
1,1,1,2-Tetrachloroethane	ND					2.0	0.35	ug/L			01/24/22 11:39	1
1,1,1-Trichloroethane	ND					2.0	0.82	ug/L			01/24/22 11:39	1
1,1,2,2-Tetrachloroethane	ND					2.0	0.21	ug/L			01/24/22 11:39	1
1,1,2-Trichloroethane	ND					2.0	0.23	ug/L			01/24/22 11:39	1
1,1-Dichloroethane	ND					2.0	0.38	ug/L			01/24/22 11:39	1
1,1-Dichloroethene	ND					2.0	0.29	ug/L			01/24/22 11:39	1
1,2,3-Trichloropropane	ND					2.0	0.89	ug/L			01/24/22 11:39	1
1,2,4-Trichlorobenzene	ND					1.0	0.41	ug/L			01/24/22 11:39	1
1,2-Dichlorobenzene	ND					1.0	0.79	ug/L			01/24/22 11:39	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612547/8

Matrix: Water

Analysis Batch: 612547

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND				2.0	0.21	ug/L			01/24/22 11:39	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			01/24/22 11:39	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			01/24/22 11:39	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			01/24/22 11:39	1
1,4-Dichlorobenzene	ND				1.0	0.84	ug/L			01/24/22 11:39	1
1,4-Dioxane	ND				40	9.3	ug/L			01/24/22 11:39	1
2-Butanone (MEK)	ND				10	1.3	ug/L			01/24/22 11:39	1
2-Hexanone	ND				10	1.2	ug/L			01/24/22 11:39	1
4-Methyl-2-pentanone (MIBK)	ND				10	2.1	ug/L			01/24/22 11:39	1
Acetone	ND				10	3.0	ug/L			01/24/22 11:39	1
Acetonitrile	ND				170	4.9	ug/L			01/24/22 11:39	1
Acrolein	ND				20	0.91	ug/L			01/24/22 11:39	1
Acrylonitrile	ND				20	0.83	ug/L			01/24/22 11:39	1
Allyl chloride	ND				2.0	0.44	ug/L			01/24/22 11:39	1
Benzene	ND				2.0	0.41	ug/L			01/24/22 11:39	1
Bromodichloromethane	ND				2.0	0.39	ug/L			01/24/22 11:39	1
Bromoform	ND				2.0	0.26	ug/L			01/24/22 11:39	1
Bromomethane	ND				2.0	0.69	ug/L			01/24/22 11:39	1
Carbon disulfide	ND				2.0	0.19	ug/L			01/24/22 11:39	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			01/24/22 11:39	1
Chlorobenzene	ND				2.0	0.75	ug/L			01/24/22 11:39	1
Chloroethane	ND				2.0	0.32	ug/L			01/24/22 11:39	1
Chloroform	ND				2.0	0.34	ug/L			01/24/22 11:39	1
Chloromethane	ND				2.0	0.35	ug/L			01/24/22 11:39	1
Chloroprene	ND				1.0	0.49	ug/L			01/24/22 11:39	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			01/24/22 11:39	1
Dibromochloromethane	ND				2.0	0.32	ug/L			01/24/22 11:39	1
Dibromomethane	ND				2.0	0.41	ug/L			01/24/22 11:39	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			01/24/22 11:39	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			01/24/22 11:39	1
Ethylbenzene	ND				2.0	0.74	ug/L			01/24/22 11:39	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			01/24/22 11:39	1
Iodomethane	ND				2.0	0.30	ug/L			01/24/22 11:39	1
Isobutyl alcohol	ND				1000	4.8	ug/L			01/24/22 11:39	1
Methacrylonitrile	ND				10	0.69	ug/L			01/24/22 11:39	1
Methyl methacrylate	ND				10	0.61	ug/L			01/24/22 11:39	1
Methylene Chloride	ND				2.0	0.44	ug/L			01/24/22 11:39	1
Naphthalene	ND				1.0	0.43	ug/L			01/24/22 11:39	1
Pentachloroethane	ND				1.0	0.34	ug/L			01/24/22 11:39	1
Propionitrile	ND				50	5.8	ug/L			01/24/22 11:39	1
Styrene	ND				2.0	0.73	ug/L			01/24/22 11:39	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/24/22 11:39	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/24/22 11:39	1
Toluene	ND				2.0	0.51	ug/L			01/24/22 11:39	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/24/22 11:39	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/24/22 11:39	1
Trichloroethene	ND				2.0	0.46	ug/L			01/24/22 11:39	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/24/22 11:39	1
Vinyl acetate	ND				10	0.85	ug/L			01/24/22 11:39	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612547/8

Matrix: Water

Analysis Batch: 612547

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 11:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		01/24/22 11:39	1
4-Bromofluorobenzene (Surr)	112		73 - 120		01/24/22 11:39	1
Toluene-d8 (Surr)	101		80 - 120		01/24/22 11:39	1

Lab Sample ID: LCS 480-612547/5

Matrix: Water

Analysis Batch: 612547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
1,1-Dichloroethene	25.0	28.2		ug/L		113	66 - 127
Benzene	25.0	26.1		ug/L		105	71 - 124
Chlorobenzene	25.0	26.1		ug/L		105	80 - 120
Toluene	25.0	25.2		ug/L		101	80 - 122
Trichloroethene	25.0	27.5		ug/L		110	74 - 123

Surrogate	LCS %Recovery	LCS Qualifer	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	114		73 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: LCSD 480-612547/6

Matrix: Water

Analysis Batch: 612547

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
1,1-Dichloroethene	25.0	27.5		ug/L		110	66 - 127	3	16
Benzene	25.0	25.3		ug/L		101	71 - 124	3	13
Chlorobenzene	25.0	26.1		ug/L		105	80 - 120	0	25
Toluene	25.0	25.3		ug/L		101	80 - 122	0	15
Trichloroethene	25.0	26.7		ug/L		107	74 - 123	3	16

Surrogate	LCSD %Recovery	LCSD Qualifer	Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	110		73 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 480-612589/8

Matrix: Water

Analysis Batch: 612589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/24/22 23:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/24/22 23:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/24/22 23:27	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612589/8

Matrix: Water

Analysis Batch: 612589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/24/22 23:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/24/22 23:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/24/22 23:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/24/22 23:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/22 23:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/22 23:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/24/22 23:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/24/22 23:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/24/22 23:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/22 23:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 23:27	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 23:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/24/22 23:27	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 23:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 23:27	1
Acetone	ND		10	3.0	ug/L			01/24/22 23:27	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 23:27	1
Acrolein	ND		20	0.91	ug/L			01/24/22 23:27	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 23:27	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 23:27	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 23:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 23:27	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 23:27	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 23:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 23:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 23:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 23:27	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 23:27	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 23:27	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 23:27	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 23:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 23:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 23:27	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 23:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 23:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 23:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 23:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 23:27	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 23:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 23:27	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 23:27	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 23:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 23:27	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 23:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 23:27	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 23:27	1
Styrene	ND		2.0	0.73	ug/L			01/24/22 23:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 23:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 23:27	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612589/8

Matrix: Water

Analysis Batch: 612589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND				2.0	0.51	ug/L			01/24/22 23:27	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/24/22 23:27	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/24/22 23:27	1
Trichloroethene	ND				2.0	0.46	ug/L			01/24/22 23:27	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/24/22 23:27	1
Vinyl acetate	ND				10	0.85	ug/L			01/24/22 23:27	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/24/22 23:27	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/24/22 23:27	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101				77 - 120					01/24/22 23:27	1
4-Bromofluorobenzene (Surr)	110				73 - 120					01/24/22 23:27	1
Toluene-d8 (Surr)	99				80 - 120					01/24/22 23:27	1

Lab Sample ID: LCS 480-612589/6

Matrix: Water

Analysis Batch: 612589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCN	LCN	Unit	D	%Rec	Limits	
				Result	Qualifier					
1,1-Dichloroethene	ND		25.0	25.4		ug/L		102	66 - 127	
Benzene	ND		25.0	24.2		ug/L		97	71 - 124	
Chlorobenzene	ND		25.0	24.7		ug/L		99	80 - 120	
Toluene	ND		25.0	23.8		ug/L		95	80 - 122	
Trichloroethene	ND		25.0	25.2		ug/L		101	74 - 123	
Surrogate	LCN	LCN	%Recovery	Qualifier	Limits		D	%Rec	Limits	
1,2-Dichloroethane-d4 (Surr)	100				77 - 120					
4-Bromofluorobenzene (Surr)	108				73 - 120					
Toluene-d8 (Surr)	99				80 - 120					

Lab Sample ID: MB 480-612626/8

Matrix: Water

Analysis Batch: 612626

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			01/24/22 18:58	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			01/24/22 18:58	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			01/24/22 18:58	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			01/24/22 18:58	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			01/24/22 18:58	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			01/24/22 18:58	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			01/24/22 18:58	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			01/24/22 18:58	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			01/24/22 18:58	1
1,2-Dichloroethane	ND				2.0	0.21	ug/L			01/24/22 18:58	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			01/24/22 18:58	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			01/24/22 18:58	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			01/24/22 18:58	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612626/8

Matrix: Water

Analysis Batch: 612626

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/22 18:58	1
1,4-Dioxane	ND		40	9.3	ug/L			01/24/22 18:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/24/22 18:58	1
2-Hexanone	ND		10	1.2	ug/L			01/24/22 18:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/24/22 18:58	1
Acetone	ND		10	3.0	ug/L			01/24/22 18:58	1
Acetonitrile	ND		170	4.9	ug/L			01/24/22 18:58	1
Acrolein	ND		20	0.91	ug/L			01/24/22 18:58	1
Acrylonitrile	ND		20	0.83	ug/L			01/24/22 18:58	1
Allyl chloride	ND		2.0	0.44	ug/L			01/24/22 18:58	1
Benzene	ND		2.0	0.41	ug/L			01/24/22 18:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/24/22 18:58	1
Bromoform	ND		2.0	0.26	ug/L			01/24/22 18:58	1
Bromomethane	ND		2.0	0.69	ug/L			01/24/22 18:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/24/22 18:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/24/22 18:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/24/22 18:58	1
Chloroethane	ND		2.0	0.32	ug/L			01/24/22 18:58	1
Chloroform	ND		2.0	0.34	ug/L			01/24/22 18:58	1
Chloromethane	ND		2.0	0.35	ug/L			01/24/22 18:58	1
Chloroprene	ND		1.0	0.49	ug/L			01/24/22 18:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/24/22 18:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/24/22 18:58	1
Dibromomethane	ND		2.0	0.41	ug/L			01/24/22 18:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/24/22 18:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/24/22 18:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/24/22 18:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/24/22 18:58	1
Iodomethane	ND		2.0	0.30	ug/L			01/24/22 18:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/24/22 18:58	1
Methacrylonitrile	ND		10	0.69	ug/L			01/24/22 18:58	1
Methyl methacrylate	ND		10	0.61	ug/L			01/24/22 18:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/24/22 18:58	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/22 18:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/24/22 18:58	1
Propionitrile	ND		50	5.8	ug/L			01/24/22 18:58	1
Styrene	ND		2.0	0.73	ug/L			01/24/22 18:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/24/22 18:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/24/22 18:58	1
Toluene	ND		2.0	0.51	ug/L			01/24/22 18:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/24/22 18:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/24/22 18:58	1
Trichloroethene	ND		2.0	0.46	ug/L			01/24/22 18:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/24/22 18:58	1
Vinyl acetate	ND		10	0.85	ug/L			01/24/22 18:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/22 18:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/24/22 18:58	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612626/8

Matrix: Water

Analysis Batch: 612626

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		98			77 - 120		01/24/22 18:58	1
4-Bromofluorobenzene (Surr)		94			73 - 120		01/24/22 18:58	1
Toluene-d8 (Surr)		95			80 - 120		01/24/22 18:58	1

Lab Sample ID: LCS 480-612626/5

Matrix: Water

Analysis Batch: 612626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCS	LCS	Unit	D	%Rec.	%Rec. Limits
				Result	Qualifier				
1,1-Dichloroethene			25.0	25.0		ug/L	100	66 - 127	
Benzene			25.0	24.3		ug/L	97	71 - 124	
Chlorobenzene			25.0	25.0		ug/L	100	80 - 120	
Toluene			25.0	24.6		ug/L	98	80 - 122	
Trichloroethene			25.0	24.7		ug/L	99	74 - 123	

Surrogate	MB	MB	%Recovery	LCS	LCS	Unit	D	%Rec.	%Rec. Limits
				Result	Qualifier				
1,2-Dichloroethane-d4 (Surr)		93		77 - 120					
4-Bromofluorobenzene (Surr)		96		73 - 120					
Toluene-d8 (Surr)		96		80 - 120					

Lab Sample ID: MB 480-612680/8

Matrix: Water

Analysis Batch: 612680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane			ND		2.0	0.35	ug/L		01/25/22 12:37		1
1,1,1-Trichloroethane			ND		2.0	0.82	ug/L		01/25/22 12:37		1
1,1,2,2-Tetrachloroethane			ND		2.0	0.21	ug/L		01/25/22 12:37		1
1,1,2-Trichloroethane			ND		2.0	0.23	ug/L		01/25/22 12:37		1
1,1-Dichloroethane			ND		2.0	0.38	ug/L		01/25/22 12:37		1
1,1-Dichloroethene			ND		2.0	0.29	ug/L		01/25/22 12:37		1
1,2,3-Trichloropropane			ND		2.0	0.89	ug/L		01/25/22 12:37		1
1,2,4-Trichlorobenzene			ND		1.0	0.41	ug/L		01/25/22 12:37		1
1,2-Dichlorobenzene			ND		1.0	0.79	ug/L		01/25/22 12:37		1
1,2-Dichloroethane			ND		2.0	0.21	ug/L		01/25/22 12:37		1
1,2-Dichloroethene, Total			ND		2.0	0.81	ug/L		01/25/22 12:37		1
1,2-Dichloropropane			ND		2.0	0.72	ug/L		01/25/22 12:37		1
1,3-Dichlorobenzene			ND		1.0	0.78	ug/L		01/25/22 12:37		1
1,4-Dichlorobenzene			ND		1.0	0.84	ug/L		01/25/22 12:37		1
1,4-Dioxane			ND		40	9.3	ug/L		01/25/22 12:37		1
2-Butanone (MEK)			ND		10	1.3	ug/L		01/25/22 12:37		1
2-Hexanone			ND		10	1.2	ug/L		01/25/22 12:37		1
4-Methyl-2-pentanone (MIBK)			ND		10	2.1	ug/L		01/25/22 12:37		1
Acetone			ND		10	3.0	ug/L		01/25/22 12:37		1
Acetonitrile			ND		170	4.9	ug/L		01/25/22 12:37		1
Acrolein			ND		20	0.91	ug/L		01/25/22 12:37		1
Acrylonitrile			ND		20	0.83	ug/L		01/25/22 12:37		1
Allyl chloride			ND		2.0	0.44	ug/L		01/25/22 12:37		1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612680/8

Matrix: Water

Analysis Batch: 612680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND				2.0	0.41	ug/L			01/25/22 12:37	1
Bromodichloromethane	ND				2.0	0.39	ug/L			01/25/22 12:37	1
Bromoform	ND				2.0	0.26	ug/L			01/25/22 12:37	1
Bromomethane	ND				2.0	0.69	ug/L			01/25/22 12:37	1
Carbon disulfide	ND				2.0	0.19	ug/L			01/25/22 12:37	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			01/25/22 12:37	1
Chlorobenzene	ND				2.0	0.75	ug/L			01/25/22 12:37	1
Chloroethane	ND				2.0	0.32	ug/L			01/25/22 12:37	1
Chloroform	ND				2.0	0.34	ug/L			01/25/22 12:37	1
Chloromethane	ND				2.0	0.35	ug/L			01/25/22 12:37	1
Chloroprene	ND				1.0	0.49	ug/L			01/25/22 12:37	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			01/25/22 12:37	1
Dibromochloromethane	ND				2.0	0.32	ug/L			01/25/22 12:37	1
Dibromomethane	ND				2.0	0.41	ug/L			01/25/22 12:37	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			01/25/22 12:37	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			01/25/22 12:37	1
Ethylbenzene	ND				2.0	0.74	ug/L			01/25/22 12:37	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			01/25/22 12:37	1
Iodomethane	ND				2.0	0.30	ug/L			01/25/22 12:37	1
Isobutyl alcohol	ND				1000	4.8	ug/L			01/25/22 12:37	1
Methacrylonitrile	ND				10	0.69	ug/L			01/25/22 12:37	1
Methyl methacrylate	ND				10	0.61	ug/L			01/25/22 12:37	1
Methylene Chloride	ND				2.0	0.44	ug/L			01/25/22 12:37	1
Naphthalene	ND				1.0	0.43	ug/L			01/25/22 12:37	1
Pentachloroethane	ND				1.0	0.34	ug/L			01/25/22 12:37	1
Propionitrile	ND				50	5.8	ug/L			01/25/22 12:37	1
Styrene	ND				2.0	0.73	ug/L			01/25/22 12:37	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/25/22 12:37	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/25/22 12:37	1
Toluene	ND				2.0	0.51	ug/L			01/25/22 12:37	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/25/22 12:37	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/25/22 12:37	1
Trichloroethene	ND				2.0	0.46	ug/L			01/25/22 12:37	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/25/22 12:37	1
Vinyl acetate	ND				10	0.85	ug/L			01/25/22 12:37	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/25/22 12:37	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/25/22 12:37	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		98		77 - 120		01/25/22 12:37	1
4-Bromofluorobenzene (Surr)	96		96		73 - 120		01/25/22 12:37	1
Toluene-d8 (Surr)	98		98		80 - 120		01/25/22 12:37	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-612680/6

Matrix: Water

Analysis Batch: 612680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
1,1-Dichloroethene	25.0	24.6		ug/L		99	66 - 127
Benzene	25.0	24.0		ug/L		96	71 - 124
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Toluene	25.0	23.8		ug/L		95	80 - 122
Trichloroethene	25.0	24.3		ug/L		97	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	92		73 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: MB 480-612849/8

Matrix: Water

Analysis Batch: 612849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/26/22 12:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/26/22 12:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/26/22 12:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/26/22 12:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/26/22 12:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/26/22 12:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/26/22 12:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/26/22 12:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/26/22 12:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/26/22 12:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/26/22 12:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/26/22 12:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/26/22 12:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/26/22 12:23	1
1,4-Dioxane	ND		40	9.3	ug/L			01/26/22 12:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/26/22 12:23	1
2-Hexanone	ND		10	1.2	ug/L			01/26/22 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/26/22 12:23	1
Acetone	ND		10	3.0	ug/L			01/26/22 12:23	1
Acetonitrile	ND		170	4.9	ug/L			01/26/22 12:23	1
Acrolein	ND		20	0.91	ug/L			01/26/22 12:23	1
Acrylonitrile	ND		20	0.83	ug/L			01/26/22 12:23	1
Allyl chloride	ND		2.0	0.44	ug/L			01/26/22 12:23	1
Benzene	ND		2.0	0.41	ug/L			01/26/22 12:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/26/22 12:23	1
Bromoform	ND		2.0	0.26	ug/L			01/26/22 12:23	1
Bromomethane	ND		2.0	0.69	ug/L			01/26/22 12:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/26/22 12:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/26/22 12:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/26/22 12:23	1
Chloroethane	ND		2.0	0.32	ug/L			01/26/22 12:23	1
Chloroform	ND		2.0	0.34	ug/L			01/26/22 12:23	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-612849/8

Matrix: Water

Analysis Batch: 612849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				
Chloromethane	ND		2.0	0.35	ug/L	1
Chloroprene	ND		1.0	0.49	ug/L	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L	1
Dibromochloromethane	ND		2.0	0.32	ug/L	1
Dibromomethane	ND		2.0	0.41	ug/L	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L	1
Ethyl methacrylate	ND		2.0	0.59	ug/L	1
Ethylbenzene	ND		2.0	0.74	ug/L	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L	1
Iodomethane	ND		2.0	0.30	ug/L	1
Isobutyl alcohol	ND		1000	4.8	ug/L	1
Methacrylonitrile	ND		10	0.69	ug/L	1
Methyl methacrylate	ND		10	0.61	ug/L	1
Methylene Chloride	ND		2.0	0.44	ug/L	1
Naphthalene	ND		1.0	0.43	ug/L	1
Pentachloroethane	ND		1.0	0.34	ug/L	1
Propionitrile	ND		50	5.8	ug/L	1
Styrene	ND		2.0	0.73	ug/L	1
Tetrachloroethene	ND		2.0	0.36	ug/L	1
Tetrahydrofuran	ND		5.0	1.3	ug/L	1
Toluene	ND		2.0	0.51	ug/L	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L	1
Trichloroethene	ND		2.0	0.46	ug/L	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L	1
Vinyl acetate	ND		10	0.85	ug/L	1
Vinyl chloride	ND		1.0	0.90	ug/L	1
Xylenes, Total	ND		3.0	0.66	ug/L	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		01/26/22 12:23	1
4-Bromofluorobenzene (Surr)	93		73 - 120		01/26/22 12:23	1
Toluene-d8 (Surr)	96		80 - 120		01/26/22 12:23	1

Lab Sample ID: LCS 480-612849/6

Matrix: Water

Analysis Batch: 612849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added	Added						
1,1-Dichloroethene		25.0	25.0		ug/L	100	66 - 127	
Benzene		25.0	24.4		ug/L	98	71 - 124	
Chlorobenzene		25.0	24.7		ug/L	99	80 - 120	
Toluene		25.0	24.7		ug/L	99	80 - 122	
Trichloroethene		25.0	24.7		ug/L	99	74 - 123	

Surrogate	LCS		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	%Recovery	Qualifier						
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					
4-Bromofluorobenzene (Surr)	95		73 - 120					

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-612849/6

Matrix: Water

Analysis Batch: 612849

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	98		80 - 120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Lab Sample ID: 480-194402-1 MS

Matrix: Water

Analysis Batch: 612849

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1-Dichloroethene	ND		25.0	29.3		ug/L	117	66 - 127		
Benzene	ND		25.0	26.7		ug/L	107	71 - 124		
Chlorobenzene	ND		25.0	26.6		ug/L	106	80 - 120		
Toluene	ND		25.0	26.8		ug/L	107	80 - 122		
Trichloroethene	ND		25.0	27.4		ug/L	110	74 - 123		

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 480-194402-1 MSD

Matrix: Water

Analysis Batch: 612849

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1-Dichloroethene	ND		25.0	28.6		ug/L	114	66 - 127		3	16
Benzene	ND		25.0	26.2		ug/L	105	71 - 124		2	13
Chlorobenzene	ND		25.0	26.4		ug/L	106	80 - 120		1	25
Toluene	ND		25.0	26.6		ug/L	106	80 - 122		1	15
Trichloroethene	ND		25.0	26.7		ug/L	107	74 - 123		3	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	91		73 - 120
Toluene-d8 (Surr)	99		80 - 120

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-611658/1-A

Matrix: Water

Analysis Batch: 611652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 611658

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/13/22 11:11	01/13/22 13:07	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/13/22 11:11	01/13/22 13:07	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-611658/2-A

Matrix: Water

Analysis Batch: 611652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 611658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
1,2-Dibromoethane	0.109	0.0522		ug/L		48	46 - 150	
1,2-Dibromo-3-Chloropropane	0.109	0.0507		ug/L		46	43 - 150	

Lab Sample ID: LCSD 480-611658/3-A

Matrix: Water

Analysis Batch: 611652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 611658

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
1,2-Dibromoethane	0.110	0.0777		ug/L		71	46 - 150	39	40
1,2-Dibromo-3-Chloropropane	0.110	0.0758		ug/L		69	43 - 150	40	40

Lab Sample ID: MB 480-612591/1-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/24/22 12:49	01/25/22 01:19	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/24/22 12:49	01/25/22 01:19	1

Lab Sample ID: LCS 480-612591/2-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 612591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
1,2-Dibromoethane	0.109	0.0990		ug/L		91	46 - 150	
1,2-Dibromo-3-Chloropropane	0.109	0.0909		ug/L		83	43 - 150	

Lab Sample ID: LCSD 480-612591/3-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 612591

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
1,2-Dibromoethane	0.109	0.101		ug/L		92	46 - 150	2	40
1,2-Dibromo-3-Chloropropane	0.109	0.0973		ug/L		89	43 - 150	7	40

Lab Sample ID: MB 480-612610/1-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/24/22 14:26	01/24/22 20:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/24/22 14:26	01/24/22 20:23	1

Lab Sample ID: LCS 480-612610/2-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 612610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
1,2-Dibromoethane	0.109	0.0814		ug/L		74	46 - 150	
1,2-Dibromo-3-Chloropropane	0.109	0.0773		ug/L		71	43 - 150	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: LCSD 480-612610/3-A

Matrix: Water

Analysis Batch: 612605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 612610

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD	RPD Limit
1,2-Dibromoethane	0.109	0.0936		ug/L		86	46 - 150	14	40
1,2-Dibromo-3-Chloropropane	0.109	0.0969		ug/L		89	43 - 150	22	40

Lab Sample ID: MB 480-612786/1-A

Matrix: Water

Analysis Batch: 612790

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/25/22 16:00	01/25/22 17:33	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/25/22 16:00	01/25/22 17:33	1

Lab Sample ID: LCS 480-612786/2-A

Matrix: Water

Analysis Batch: 612790

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 612786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.108	0.118		ug/L		109	46 - 150
1,2-Dibromo-3-Chloropropane	0.108	0.128		ug/L		118	43 - 150

Lab Sample ID: 480-194402-1 MS

Matrix: Water

Analysis Batch: 612790

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 612786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	ND		0.110	0.123		ug/L		112	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.110	0.124		ug/L		114	42 - 150

Lab Sample ID: 480-194402-1 MSD

Matrix: Water

Analysis Batch: 612790

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 612786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD	RPD Limit
1,2-Dibromoethane	ND		0.111	0.117		ug/L		106	41 - 150	5	40
1,2-Dibromo-3-Chloropropane	ND		0.111	0.114		ug/L		103	42 - 150	9	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-611797/1-A

Matrix: Water

Analysis Batch: 611912

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 611797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1221	ND		0.50	0.18	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1232	ND		0.50	0.18	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1242	ND		0.50	0.18	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1248	ND		0.50	0.18	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1254	ND		0.50	0.25	ug/L		01/14/22 09:37	01/16/22 21:03	1
PCB-1260	ND		0.50	0.25	ug/L		01/14/22 09:37	01/16/22 21:03	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-611797/1-A

Matrix: Water

Analysis Batch: 611912

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 611797

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		64			19 - 120	01/14/22 09:37	01/16/22 21:03	1
DCB Decachlorobiphenyl		74			19 - 120	01/14/22 09:37	01/16/22 21:03	1
Tetrachloro-m-xylene		62			39 - 121	01/14/22 09:37	01/16/22 21:03	1
Tetrachloro-m-xylene		88			39 - 121	01/14/22 09:37	01/16/22 21:03	1

Lab Sample ID: LCS 480-611797/2-A

Matrix: Water

Analysis Batch: 611912

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 611797

Analyst	Spike	LCS	LCS	%Rec.				
	Added	Result	Qualifier	Unit	D	%Rec	Limits	
PCB-1016		4.00	3.87	ug/L		97	62 - 130	
PCB-1260		4.00	3.96	ug/L		99	56 - 123	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl		55			19 - 120
DCB Decachlorobiphenyl		66			19 - 120
Tetrachloro-m-xylene		63			39 - 121
Tetrachloro-m-xylene		71			39 - 121

Lab Sample ID: LCSD 480-611797/3-A

Matrix: Water

Analysis Batch: 611912

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 611797

Analyst	Spike	LCSD	LCSD	%Rec.					
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016		4.00	3.67	ug/L		92	62 - 130	5	50
PCB-1260		4.00	4.32	ug/L		108	56 - 123	9	50

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl		61			19 - 120
DCB Decachlorobiphenyl		75			19 - 120
Tetrachloro-m-xylene		76			39 - 121
Tetrachloro-m-xylene		80			39 - 121

Lab Sample ID: MB 480-612100/1-A

Matrix: Water

Analysis Batch: 612161

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612100

Analyst	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016			ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1221			ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1232			ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1242			ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1248			ND		0.50	0.18	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1254			ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 16:44	1
PCB-1260			ND		0.50	0.25	ug/L		01/19/22 09:07	01/19/22 16:44	1

QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-612100/1-A

Matrix: Water

Analysis Batch: 612161

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612100

Surrogate MB MB

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	47		19 - 120
DCB Decachlorobiphenyl	58		19 - 120
Tetrachloro-m-xylene	76		39 - 121
Tetrachloro-m-xylene	92		39 - 121

Prepared 01/19/22 09:07

Analyzed 01/19/22 16:44

Dil Fac 1

Lab Sample ID: LCS 480-612100/2-A

Matrix: Water

Analysis Batch: 612161

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 612100

Surrogate LCS LCS

Surrogate	%Recovery	Qualifier	Limits	Spike	LCS	LCS	%Rec.			
Analyte				Added	Result	Qualifier	Unit	D	%Rec	Limits
PCB-1016				4.00	3.48		ug/L		87	62 - 130
PCB-1260				4.00	3.42		ug/L		85	56 - 123

Surrogate LCS LCS

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	44		19 - 120
DCB Decachlorobiphenyl	55		19 - 120
Tetrachloro-m-xylene	76		39 - 121
Tetrachloro-m-xylene	84		39 - 121

Lab Sample ID: LCSD 480-612100/3-A

Matrix: Water

Analysis Batch: 612161

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 612100

Surrogate LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits	Spike	LCSD	LCSD	%Rec.					
Analyte				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016				4.00	3.62		ug/L		91	62 - 130	4	50
PCB-1260				4.00	3.44		ug/L		86	56 - 123	1	50

Surrogate LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	50		19 - 120
DCB Decachlorobiphenyl	60		19 - 120
Tetrachloro-m-xylene	79		39 - 121
Tetrachloro-m-xylene	87		39 - 121

Lab Sample ID: MB 480-612628/1-A

Matrix: Water

Analysis Batch: 612784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612628

Surrogate MB MB

Surrogate	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1221	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1232	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1242	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1248	ND		0.50	0.18	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1254	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 17:22	1
PCB-1260	ND		0.50	0.25	ug/L		01/24/22 15:23	01/25/22 17:22	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-612628/1-A

Matrix: Water

Analysis Batch: 612784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 612628

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		45			19 - 120	01/24/22 15:23	01/25/22 17:22	1
Tetrachloro-m-xylene		65			39 - 121	01/24/22 15:23	01/25/22 17:22	1

Lab Sample ID: LCS 480-612628/2-A

Matrix: Water

Analysis Batch: 612784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 612628

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
PCB-1016			4.00	4.14		ug/L		103	62 - 130	
PCB-1260			4.00	3.29		ug/L		82	56 - 123	

Surrogate	MB	MB	%Recovery	Qualifier	Limits
	LCS	LCS			
DCB Decachlorobiphenyl		44			19 - 120
Tetrachloro-m-xylene		63			39 - 121

Lab Sample ID: LCSD 480-612628/3-A

Matrix: Water

Analysis Batch: 612784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 612628

Analyte	MB	MB	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
	LCS	LCS									
PCB-1016			4.00	4.45		ug/L		111	62 - 130	7	50
PCB-1260			4.00	3.29		ug/L		82	56 - 123	0	50

Surrogate	MB	MB	%Recovery	Qualifier	Limits
	LCSD	LCSD			
DCB Decachlorobiphenyl		37			19 - 120
Tetrachloro-m-xylene		77			39 - 121

Lab Sample ID: MB 480-613510/1-A

Matrix: Water

Analysis Batch: 613586

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 613510

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016			ND		0.50	0.18	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1221			ND		0.50	0.18	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1232			ND		0.50	0.18	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1242			ND		0.50	0.18	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1248			ND		0.50	0.18	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1254			ND		0.50	0.25	ug/L		02/02/22 09:13	02/02/22 18:14	1
PCB-1260			ND		0.50	0.25	ug/L		02/02/22 09:13	02/02/22 18:14	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	LCS	LCS						
DCB Decachlorobiphenyl		75			19 - 120	02/02/22 09:13	02/02/22 18:14	1
Tetrachloro-m-xylene		93			39 - 121	02/02/22 09:13	02/02/22 18:14	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-613510/2-A

Matrix: Water

Analysis Batch: 613586

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 613510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
PCB-1016	4.00	4.63		ug/L		116	62 - 130
PCB-1260	4.00	4.12		ug/L		103	56 - 123
Surrogate	%Recovery	LCS Qualifier	Limits				Limits
DCB Decachlorobiphenyl	65		19 - 120				
Tetrachloro-m-xylene	111		39 - 121				

Lab Sample ID: 480-194402-1 MS

Matrix: Water

Analysis Batch: 613586

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 613510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec
PCB-1016	ND		4.00	3.87		ug/L		97
PCB-1260	ND		4.00	3.83		ug/L		96
Surrogate	%Recovery	MS Qualifier	Limits					Limits
DCB Decachlorobiphenyl	66		19 - 120					
Tetrachloro-m-xylene	86		39 - 121					

Lab Sample ID: 480-194402-1 MSD

Matrix: Water

Analysis Batch: 613586

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 613510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD
PCB-1016	ND		4.00	4.23		ug/L		106	28 - 150
PCB-1260	ND		4.00	4.02		ug/L		101	25 - 131
Surrogate	%Recovery	MSD Qualifier	Limits					Limits	RPD
DCB Decachlorobiphenyl	62		19 - 120						9
Tetrachloro-m-xylene	97		39 - 121						50

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-611983/17

Matrix: Water

Analysis Batch: 611983

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/14/22 23:25	1

Lab Sample ID: MB 480-611983/28

Matrix: Water

Analysis Batch: 611983

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/15/22 04:41	1

Eurofins Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-611983/18

Matrix: Water

Analysis Batch: 611983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	58.73		mg/L	98		90 - 110

Lab Sample ID: LCS 480-611983/29

Matrix: Water

Analysis Batch: 611983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	59.09		mg/L	98		90 - 110

Lab Sample ID: 480-194102-1 MS

Matrix: Water

Analysis Batch: 611983

Client Sample ID: U-22A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	4.6		23.3	29.68		mg/L	108		54 - 131

Lab Sample ID: 480-194102-6 MS

Matrix: Water

Analysis Batch: 611983

Client Sample ID: U-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	5.2		23.3	30.26		mg/L	108		54 - 131

Lab Sample ID: 480-194102-2 DU

Matrix: Water

Analysis Batch: 611983

Client Sample ID: U-21A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	3.3			3.20		mg/L		3	20

Lab Sample ID: 480-194102-7 DU

Matrix: Water

Analysis Batch: 611983

Client Sample ID: U-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	2.8			2.84		mg/L		3	20

Lab Sample ID: MB 480-611985/52

Matrix: Water

Analysis Batch: 611985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND			1.0	0.43	mg/L			01/14/22 16:06	1

Lab Sample ID: MB 480-611985/76

Matrix: Water

Analysis Batch: 611985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND			1.0	0.43	mg/L			01/15/22 03:48	1

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: LCS 480-611985/53

Matrix: Water

Analysis Batch: 611985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	59.10		mg/L	98	90 - 110	

Lab Sample ID: LCS 480-611985/77

Matrix: Water

Analysis Batch: 611985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	58.38		mg/L	97	90 - 110	

Lab Sample ID: 480-194100-4 MS

Matrix: Water

Analysis Batch: 611985

Client Sample ID: C-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	11.3		23.3	34.66		mg/L	100	54 - 131	

Lab Sample ID: 480-194100-5 DU

Matrix: Water

Analysis Batch: 611985

Client Sample ID: C-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	11.4		11.43		mg/L		0.6	20

Lab Sample ID: MB 480-613067/52

Matrix: Water

Analysis Batch: 613067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/26/22 12:54	1

Lab Sample ID: MB 480-613067/76

Matrix: Water

Analysis Batch: 613067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/27/22 00:11	1

Lab Sample ID: LCS 480-613067/53

Matrix: Water

Analysis Batch: 613067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.28		mg/L	95	90 - 110	

Lab Sample ID: LCS 480-613067/77

Matrix: Water

Analysis Batch: 613067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.84		mg/L	96	90 - 110	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-194388-2 MS

Matrix: Water

Analysis Batch: 613067

Client Sample ID: LD-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Total Organic Carbon	3.3		23.3	27.49		mg/L		104	54 - 131	

Lab Sample ID: 480-194389-4 MS

Matrix: Water

Analysis Batch: 613067

Client Sample ID: U-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Total Organic Carbon	3.3		23.3	26.76		mg/L		101	54 - 131	

Lab Sample ID: 480-194388-3 DU

Matrix: Water

Analysis Batch: 613067

Client Sample ID: LD-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Total Organic Carbon	3.3			3.36		mg/L			2	20

Lab Sample ID: 480-194389-5 DU

Matrix: Water

Analysis Batch: 613067

Client Sample ID: FIELD BLANK TSCA
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Total Organic Carbon	ND			ND		mg/L			NC	20

Lab Sample ID: MB 480-613758/4

Matrix: Water

Analysis Batch: 613758

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND			1.0	0.43	mg/L			02/02/22 17:32	1

Lab Sample ID: LCS 480-613758/5

Matrix: Water

Analysis Batch: 613758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Total Organic Carbon		60.0	59.89		mg/L		100	90 - 110	

Lab Sample ID: 480-194402-1 MS

Matrix: Water

Analysis Batch: 613758

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Total Organic Carbon	3.4		23.3	27.82		mg/L		105	54 - 131	

Lab Sample ID: 480-194402-1 MSD

Matrix: Water

Analysis Batch: 613758

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Total Organic Carbon	3.4		23.3	27.58		mg/L		104	54 - 131	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-194403-3 MS

Matrix: Water

Analysis Batch: 613758

Client Sample ID: U-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Total Organic Carbon	2.0		23.3	26.92		mg/L	107		54 - 131

Lab Sample ID: 480-194403-4 DU

Matrix: Water

Analysis Batch: 613758

Client Sample ID: DUP TSCA #2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	2.0			1.94		mg/L		2	20

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC/MS VOA

Analysis Batch: 611462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	8260C	1
480-194100-2	C-12	Total/NA	Water	8260C	2
480-194100-3	C-10	Total/NA	Water	8260C	3
480-194100-4	C-2	Total/NA	Water	8260C	4
480-194100-5	C-9	Total/NA	Water	8260C	5
480-194102-1	U-22A	Total/NA	Water	8260C	6
480-194102-2	U-21A	Total/NA	Water	8260C	7
480-194102-3	U-22	Total/NA	Water	8260C	8
480-194102-4	U-21	Total/NA	Water	8260C	9
480-194102-5	U-23	Total/NA	Water	8260C	10
480-194102-6	U-24	Total/NA	Water	8260C	11
480-194102-7	U-16	Total/NA	Water	8260C	12
480-194102-8	U-18	Total/NA	Water	8260C	13
480-194102-9	U-17	Total/NA	Water	8260C	14
480-194102-10	U-15	Total/NA	Water	8260C	15
480-194106-1	LD-1	Total/NA	Water	8260C	16
480-194106-2	LD-2	Total/NA	Water	8260C	17
MB 480-611462/7	Method Blank	Total/NA	Water	8260C	18
LCS 480-611462/5	Lab Control Sample	Total/NA	Water	8260C	19

Analysis Batch: 612547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	8260C	1
480-194388-2	LD-4	Total/NA	Water	8260C	2
480-194388-3	LD-3	Total/NA	Water	8260C	3
480-194388-4	U-25	Total/NA	Water	8260C	4
480-194388-5	DUP TSCA #1	Total/NA	Water	8260C	5
480-194388-6	U-19	Total/NA	Water	8260C	6
MB 480-612547/8	Method Blank	Total/NA	Water	8260C	7
LCS 480-612547/5	Lab Control Sample	Total/NA	Water	8260C	8
LCSD 480-612547/6	Lab Control Sample Dup	Total/NA	Water	8260C	9

Analysis Batch: 612589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194389-1	U-10	Total/NA	Water	8260C	1
480-194389-2	U-3	Total/NA	Water	8260C	2
480-194389-3	U-11	Total/NA	Water	8260C	3
480-194389-4	U-5	Total/NA	Water	8260C	4
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	8260C	5
480-194403-1	U-20	Total/NA	Water	8260C	6
480-194403-2	U-14	Total/NA	Water	8260C	7
480-194403-3	U-13	Total/NA	Water	8260C	8
480-194403-4	DUP TSCA #2	Total/NA	Water	8260C	9
MB 480-612589/8	Method Blank	Total/NA	Water	8260C	10
LCS 480-612589/6	Lab Control Sample	Total/NA	Water	8260C	11

Analysis Batch: 612626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-4	U-12	Total/NA	Water	8260C	1
480-194402-5	DUP TSCA #3	Total/NA	Water	8260C	2
480-194402-6	U-4	Total/NA	Water	8260C	3

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC/MS VOA (Continued)

Analysis Batch: 612626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-612626/8	Method Blank	Total/NA	Water	8260C	
LCS 480-612626/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 612680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	8260C	
MB 480-612680/8	Method Blank	Total/NA	Water	8260C	
LCS 480-612680/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 612849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-612849/8	Method Blank	Total/NA	Water	8260C	
LCS 480-612849/6	Lab Control Sample	Total/NA	Water	8260C	
480-194402-1 MS	U-6	Total/NA	Water	8260C	
480-194402-1 MSD	U-6	Total/NA	Water	8260C	

GC Semi VOA

Analysis Batch: 611652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	8011	611658
480-194100-2	C-12	Total/NA	Water	8011	611658
480-194100-3	C-10	Total/NA	Water	8011	611658
480-194100-4	C-2	Total/NA	Water	8011	611658
480-194100-5	C-9	Total/NA	Water	8011	611658
480-194102-1	U-22A	Total/NA	Water	8011	611658
480-194102-2	U-21A	Total/NA	Water	8011	611658
480-194102-3	U-22	Total/NA	Water	8011	611658
480-194102-4	U-21	Total/NA	Water	8011	611658
480-194102-5	U-23	Total/NA	Water	8011	611658
480-194102-6	U-24	Total/NA	Water	8011	611658
480-194102-7	U-16	Total/NA	Water	8011	611658
480-194102-8	U-18	Total/NA	Water	8011	611658
480-194102-9	U-17	Total/NA	Water	8011	611658
480-194102-10	U-15	Total/NA	Water	8011	611658
480-194106-1	LD-1	Total/NA	Water	8011	611658
480-194106-2	LD-2	Total/NA	Water	8011	611658
MB 480-611658/1-A	Method Blank	Total/NA	Water	8011	611658
LCS 480-611658/2-A	Lab Control Sample	Total/NA	Water	8011	611658
LCSD 480-611658/3-A	Lab Control Sample Dup	Total/NA	Water	8011	611658

Prep Batch: 611658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	8011	
480-194100-2	C-12	Total/NA	Water	8011	
480-194100-3	C-10	Total/NA	Water	8011	
480-194100-4	C-2	Total/NA	Water	8011	
480-194100-5	C-9	Total/NA	Water	8011	
480-194102-1	U-22A	Total/NA	Water	8011	
480-194102-2	U-21A	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC Semi VOA (Continued)

Prep Batch: 611658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-3	U-22	Total/NA	Water	8011	1
480-194102-4	U-21	Total/NA	Water	8011	2
480-194102-5	U-23	Total/NA	Water	8011	3
480-194102-6	U-24	Total/NA	Water	8011	4
480-194102-7	U-16	Total/NA	Water	8011	5
480-194102-8	U-18	Total/NA	Water	8011	6
480-194102-9	U-17	Total/NA	Water	8011	7
480-194102-10	U-15	Total/NA	Water	8011	8
480-194106-1	LD-1	Total/NA	Water	8011	9
480-194106-2	LD-2	Total/NA	Water	8011	10
MB 480-611658/1-A	Method Blank	Total/NA	Water	8011	11
LCS 480-611658/2-A	Lab Control Sample	Total/NA	Water	8011	12
LCSD 480-611658/3-A	Lab Control Sample Dup	Total/NA	Water	8011	13

Prep Batch: 611797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	3510C	12
480-194100-2	C-12	Total/NA	Water	3510C	13
480-194100-3	C-10	Total/NA	Water	3510C	14
480-194100-4	C-2	Total/NA	Water	3510C	15
480-194100-5	C-9	Total/NA	Water	3510C	16
480-194106-1	LD-1	Total/NA	Water	3510C	
480-194106-2	LD-2	Total/NA	Water	3510C	
MB 480-611797/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-611797/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-611797/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 611912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	8082A	611797
480-194100-2	C-12	Total/NA	Water	8082A	611797
480-194100-3	C-10	Total/NA	Water	8082A	611797
480-194100-4	C-2	Total/NA	Water	8082A	611797
480-194100-5	C-9	Total/NA	Water	8082A	611797
480-194106-1	LD-1	Total/NA	Water	8082A	611797
480-194106-2	LD-2	Total/NA	Water	8082A	611797
MB 480-611797/1-A	Method Blank	Total/NA	Water	8082A	611797
LCS 480-611797/2-A	Lab Control Sample	Total/NA	Water	8082A	611797
LCSD 480-611797/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	611797

Prep Batch: 612100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-1	U-22A	Total/NA	Water	3510C	
480-194102-2	U-21A	Total/NA	Water	3510C	
480-194102-3	U-22	Total/NA	Water	3510C	
480-194102-4	U-21	Total/NA	Water	3510C	
480-194102-5	U-23	Total/NA	Water	3510C	
480-194102-6	U-24	Total/NA	Water	3510C	
480-194102-7	U-16	Total/NA	Water	3510C	
480-194102-8	U-18	Total/NA	Water	3510C	
480-194102-9	U-17	Total/NA	Water	3510C	

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC Semi VOA (Continued)

Prep Batch: 612100 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-10	U-15	Total/NA	Water	3510C	
MB 480-612100/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-612100/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-612100/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 612161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-1	U-22A	Total/NA	Water	8082A	612100
480-194102-2	U-21A	Total/NA	Water	8082A	612100
480-194102-3	U-22	Total/NA	Water	8082A	612100
480-194102-4	U-21	Total/NA	Water	8082A	612100
480-194102-5	U-23	Total/NA	Water	8082A	612100
480-194102-6	U-24	Total/NA	Water	8082A	612100
480-194102-7	U-16	Total/NA	Water	8082A	612100
480-194102-8	U-18	Total/NA	Water	8082A	612100
480-194102-9	U-17	Total/NA	Water	8082A	612100
480-194102-10	U-15	Total/NA	Water	8082A	612100
MB 480-612100/1-A	Method Blank	Total/NA	Water	8082A	612100
LCS 480-612100/2-A	Lab Control Sample	Total/NA	Water	8082A	612100
LCSD 480-612100/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	612100

Prep Batch: 612591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	8011	
480-194388-2	LD-4	Total/NA	Water	8011	
480-194388-3	LD-3	Total/NA	Water	8011	
480-194388-4	U-25	Total/NA	Water	8011	
480-194388-5	DUP TSCA #1	Total/NA	Water	8011	
480-194388-6	U-19	Total/NA	Water	8011	
480-194389-1	U-10	Total/NA	Water	8011	
480-194389-2	U-3	Total/NA	Water	8011	
480-194389-3	U-11	Total/NA	Water	8011	
480-194389-4	U-5	Total/NA	Water	8011	
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	8011	
MB 480-612591/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-612591/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-612591/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 612605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	8011	612591
480-194388-2	LD-4	Total/NA	Water	8011	612591
480-194388-3	LD-3	Total/NA	Water	8011	612591
480-194388-4	U-25	Total/NA	Water	8011	612591
480-194388-5	DUP TSCA #1	Total/NA	Water	8011	612591
480-194388-6	U-19	Total/NA	Water	8011	612591
480-194389-1	U-10	Total/NA	Water	8011	612591
480-194389-2	U-3	Total/NA	Water	8011	612591
480-194389-3	U-11	Total/NA	Water	8011	612591
480-194389-4	U-5	Total/NA	Water	8011	612591
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	8011	612591

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC Semi VOA (Continued)

Analysis Batch: 612605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-4	U-12	Total/NA	Water	8011	612610
480-194402-5	DUP TSCA #3	Total/NA	Water	8011	612610
480-194402-6	U-4	Total/NA	Water	8011	612610
480-194402-7	TRIP BLANK	Total/NA	Water	8011	612610
480-194403-1	U-20	Total/NA	Water	8011	612610
480-194403-2	U-14	Total/NA	Water	8011	612610
480-194403-3	U-13	Total/NA	Water	8011	612610
480-194403-4	DUP TSCA #2	Total/NA	Water	8011	612610
MB 480-612591/1-A	Method Blank	Total/NA	Water	8011	612591
MB 480-612610/1-A	Method Blank	Total/NA	Water	8011	612610
LCS 480-612591/2-A	Lab Control Sample	Total/NA	Water	8011	612591
LCS 480-612610/2-A	Lab Control Sample	Total/NA	Water	8011	612610
LCSD 480-612591/3-A	Lab Control Sample Dup	Total/NA	Water	8011	612591
LCSD 480-612610/3-A	Lab Control Sample Dup	Total/NA	Water	8011	612610

Prep Batch: 612610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-4	U-12	Total/NA	Water	8011	12
480-194402-5	DUP TSCA #3	Total/NA	Water	8011	13
480-194402-6	U-4	Total/NA	Water	8011	14
480-194402-7	TRIP BLANK	Total/NA	Water	8011	15
480-194403-1	U-20	Total/NA	Water	8011	16
480-194403-2	U-14	Total/NA	Water	8011	
480-194403-3	U-13	Total/NA	Water	8011	
480-194403-4	DUP TSCA #2	Total/NA	Water	8011	
MB 480-612610/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-612610/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-612610/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 612628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	3510C	
480-194388-2	LD-4	Total/NA	Water	3510C	
480-194388-3	LD-3	Total/NA	Water	3510C	
480-194388-4	U-25	Total/NA	Water	3510C	
480-194388-5	DUP TSCA #1	Total/NA	Water	3510C	
480-194388-6	U-19	Total/NA	Water	3510C	
480-194389-1	U-10	Total/NA	Water	3510C	
480-194389-2	U-3	Total/NA	Water	3510C	
480-194389-3	U-11	Total/NA	Water	3510C	
480-194389-4	U-5	Total/NA	Water	3510C	
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	3510C	
480-194402-4	U-12	Total/NA	Water	3510C	
480-194402-5	DUP TSCA #3	Total/NA	Water	3510C	
480-194402-6	U-4	Total/NA	Water	3510C	
MB 480-612628/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-612628/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-612628/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC Semi VOA

Analysis Batch: 612784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	8082A	612628
480-194388-2	LD-4	Total/NA	Water	8082A	612628
480-194388-3	LD-3	Total/NA	Water	8082A	612628
480-194388-4	U-25	Total/NA	Water	8082A	612628
480-194388-5	DUP TSCA #1	Total/NA	Water	8082A	612628
480-194388-6	U-19	Total/NA	Water	8082A	612628
480-194389-1	U-10	Total/NA	Water	8082A	612628
480-194389-2	U-3	Total/NA	Water	8082A	612628
480-194389-3	U-11	Total/NA	Water	8082A	612628
480-194389-4	U-5	Total/NA	Water	8082A	612628
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	8082A	612628
480-194402-4	U-12	Total/NA	Water	8082A	612628
480-194402-5	DUP TSCA #3	Total/NA	Water	8082A	612628
480-194402-6	U-4	Total/NA	Water	8082A	612628
MB 480-612628/1-A	Method Blank	Total/NA	Water	8082A	612628
LCS 480-612628/2-A	Lab Control Sample	Total/NA	Water	8082A	612628
LCSD 480-612628/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	612628

Prep Batch: 612786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	8011	612786
MB 480-612786/1-A	Method Blank	Total/NA	Water	8011	612786
LCS 480-612786/2-A	Lab Control Sample	Total/NA	Water	8011	612786
480-194402-1 MS	U-6	Total/NA	Water	8011	612786
480-194402-1 MSD	U-6	Total/NA	Water	8011	612786

Analysis Batch: 612790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	8011	612786
MB 480-612786/1-A	Method Blank	Total/NA	Water	8011	612786
LCS 480-612786/2-A	Lab Control Sample	Total/NA	Water	8011	612786
480-194402-1 MS	U-6	Total/NA	Water	8011	612786
480-194402-1 MSD	U-6	Total/NA	Water	8011	612786

Prep Batch: 613510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	3510C	613510
480-194403-1	U-20	Total/NA	Water	3510C	613510
480-194403-2	U-14	Total/NA	Water	3510C	613510
480-194403-3	U-13	Total/NA	Water	3510C	613510
480-194403-4	DUP TSCA #2	Total/NA	Water	3510C	613510
MB 480-613510/1-A	Method Blank	Total/NA	Water	3510C	613510
LCS 480-613510/2-A	Lab Control Sample	Total/NA	Water	3510C	613510
480-194402-1 MS	U-6	Total/NA	Water	3510C	613510
480-194402-1 MSD	U-6	Total/NA	Water	3510C	613510

Analysis Batch: 613586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	8082A	613510
480-194403-1	U-20	Total/NA	Water	8082A	613510
480-194403-2	U-14	Total/NA	Water	8082A	613510

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

GC Semi VOA (Continued)

Analysis Batch: 613586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194403-3	U-13	Total/NA	Water	8082A	613510
480-194403-4	DUP TSCA #2	Total/NA	Water	8082A	613510
MB 480-613510/1-A	Method Blank	Total/NA	Water	8082A	613510
LCS 480-613510/2-A	Lab Control Sample	Total/NA	Water	8082A	613510
480-194402-1 MS	U-6	Total/NA	Water	8082A	613510
480-194402-1 MSD	U-6	Total/NA	Water	8082A	613510

General Chemistry

Analysis Batch: 611983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-1	U-22A	Total/NA	Water	9060A	10
480-194102-2	U-21A	Total/NA	Water	9060A	11
480-194102-3	U-22	Total/NA	Water	9060A	12
480-194102-4	U-21	Total/NA	Water	9060A	13
480-194102-5	U-23	Total/NA	Water	9060A	14
480-194102-6	U-24	Total/NA	Water	9060A	15
480-194102-7	U-16	Total/NA	Water	9060A	16
480-194102-8	U-18	Total/NA	Water	9060A	
480-194102-9	U-17	Total/NA	Water	9060A	
480-194102-10	U-15	Total/NA	Water	9060A	
MB 480-611983/17	Method Blank	Total/NA	Water	9060A	
MB 480-611983/28	Method Blank	Total/NA	Water	9060A	
LCS 480-611983/18	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-611983/29	Lab Control Sample	Total/NA	Water	9060A	
480-194102-1 MS	U-22A	Total/NA	Water	9060A	
480-194102-6 MS	U-24	Total/NA	Water	9060A	
480-194102-2 DU	U-21A	Total/NA	Water	9060A	
480-194102-7 DU	U-16	Total/NA	Water	9060A	

Analysis Batch: 611985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	9060A	
480-194100-2	C-12	Total/NA	Water	9060A	
480-194100-3	C-10	Total/NA	Water	9060A	
480-194100-4	C-2	Total/NA	Water	9060A	
480-194100-5	C-9	Total/NA	Water	9060A	
480-194106-1	LD-1	Total/NA	Water	9060A	
480-194106-2	LD-2	Total/NA	Water	9060A	
MB 480-611985/52	Method Blank	Total/NA	Water	9060A	
MB 480-611985/76	Method Blank	Total/NA	Water	9060A	
LCS 480-611985/53	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-611985/77	Lab Control Sample	Total/NA	Water	9060A	
480-194100-4 MS	C-2	Total/NA	Water	9060A	
480-194100-5 DU	C-9	Total/NA	Water	9060A	

Analysis Batch: 613067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	9060A	
480-194388-2	LD-4	Total/NA	Water	9060A	
480-194388-3	LD-3	Total/NA	Water	9060A	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

General Chemistry (Continued)

Analysis Batch: 613067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-4	U-25	Total/NA	Water	9060A	1
480-194388-5	DUP TSCA #1	Total/NA	Water	9060A	2
480-194388-6	U-19	Total/NA	Water	9060A	3
480-194389-1	U-10	Total/NA	Water	9060A	4
480-194389-2	U-3	Total/NA	Water	9060A	5
480-194389-3	U-11	Total/NA	Water	9060A	6
480-194389-4	U-5	Total/NA	Water	9060A	7
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	9060A	8
MB 480-613067/52	Method Blank	Total/NA	Water	9060A	9
MB 480-613067/76	Method Blank	Total/NA	Water	9060A	10
LCS 480-613067/53	Lab Control Sample	Total/NA	Water	9060A	11
LCS 480-613067/77	Lab Control Sample	Total/NA	Water	9060A	12
480-194388-2 MS	LD-4	Total/NA	Water	9060A	13
480-194389-4 MS	U-5	Total/NA	Water	9060A	14
480-194388-3 DU	LD-3	Total/NA	Water	9060A	15
480-194389-5 DU	FIELD BLANK TSCA	Total/NA	Water	9060A	16

Analysis Batch: 613758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194402-1	U-6	Total/NA	Water	9060A	1
480-194402-4	U-12	Total/NA	Water	9060A	2
480-194402-5	DUP TSCA #3	Total/NA	Water	9060A	3
480-194402-6	U-4	Total/NA	Water	9060A	4
480-194403-1	U-20	Total/NA	Water	9060A	5
480-194403-2	U-14	Total/NA	Water	9060A	6
480-194403-3	U-13	Total/NA	Water	9060A	7
480-194403-4	DUP TSCA #2	Total/NA	Water	9060A	8
MB 480-613758/4	Method Blank	Total/NA	Water	9060A	9
LCS 480-613758/5	Lab Control Sample	Total/NA	Water	9060A	10
480-194402-1 MS	U-6	Total/NA	Water	9060A	11
480-194402-1 MSD	U-6	Total/NA	Water	9060A	12
480-194403-3 MS	U-13	Total/NA	Water	9060A	13
480-194403-4 DU	DUP TSCA #2	Total/NA	Water	9060A	14

Field Service / Mobile Lab

Analysis Batch: 612745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194100-1	C-6	Total/NA	Water	Field Sampling	1
480-194100-2	C-12	Total/NA	Water	Field Sampling	2
480-194100-3	C-10	Total/NA	Water	Field Sampling	3
480-194100-4	C-2	Total/NA	Water	Field Sampling	4
480-194100-5	C-9	Total/NA	Water	Field Sampling	5
480-194102-1	U-22A	Total/NA	Water	Field Sampling	6
480-194102-2	U-21A	Total/NA	Water	Field Sampling	7
480-194102-3	U-22	Total/NA	Water	Field Sampling	8
480-194102-4	U-21	Total/NA	Water	Field Sampling	9
480-194102-5	U-23	Total/NA	Water	Field Sampling	10
480-194102-6	U-24	Total/NA	Water	Field Sampling	11
480-194102-7	U-16	Total/NA	Water	Field Sampling	12
480-194102-8	U-18	Total/NA	Water	Field Sampling	13

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 612745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194102-9	U-17	Total/NA	Water	Field Sampling	
480-194102-10	U-15	Total/NA	Water	Field Sampling	
480-194106-1	LD-1	Total/NA	Water	Field Sampling	
480-194106-2	LD-2	Total/NA	Water	Field Sampling	

Analysis Batch: 613643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-194388-1	U-26	Total/NA	Water	Field Sampling	
480-194388-2	LD-4	Total/NA	Water	Field Sampling	
480-194388-3	LD-3	Total/NA	Water	Field Sampling	
480-194388-4	U-25	Total/NA	Water	Field Sampling	
480-194388-5	DUP TSCA #1	Total/NA	Water	Field Sampling	
480-194388-6	U-19	Total/NA	Water	Field Sampling	
480-194389-1	U-10	Total/NA	Water	Field Sampling	
480-194389-2	U-3	Total/NA	Water	Field Sampling	
480-194389-3	U-11	Total/NA	Water	Field Sampling	
480-194389-4	U-5	Total/NA	Water	Field Sampling	
480-194389-5	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	
480-194402-1	U-6	Total/NA	Water	Field Sampling	
480-194402-4	U-12	Total/NA	Water	Field Sampling	
480-194402-5	DUP TSCA #3	Total/NA	Water	Field Sampling	
480-194402-6	U-4	Total/NA	Water	Field Sampling	
480-194403-1	U-20	Total/NA	Water	Field Sampling	
480-194403-2	U-14	Total/NA	Water	Field Sampling	
480-194403-3	U-13	Total/NA	Water	Field Sampling	
480-194403-4	DUP TSCA #2	Total/NA	Water	Field Sampling	
480-194402-1 MS	U-6	Total/NA	Water	Field Sampling	
480-194402-1 MSD	U-6	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 13:41	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 14:07	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 21:55	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 01:22	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 11:20	FLD	TAL BUF

Client Sample ID: C-12

Date Collected: 01/10/22 12:15

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 14:04	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 14:27	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 22:08	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 01:52	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 12:15	FLD	TAL BUF

Client Sample ID: C-10

Date Collected: 01/10/22 11:45

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 14:27	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 14:47	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 22:20	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 02:20	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 11:45	FLD	TAL BUF

Client Sample ID: C-2

Date Collected: 01/10/22 12:35

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 14:50	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 15:10	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 22:33	W1T	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Date Collected: 01/10/22 12:35

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	611985	01/15/22 04:44	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 12:35	FLD	TAL BUF

Client Sample ID: C-9

Date Collected: 01/10/22 13:00

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194100-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 15:14	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 15:30	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 22:46	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 05:41	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 13:00	FLD	TAL BUF

Client Sample ID: U-22A

Date Collected: 01/10/22 10:10

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 16:24	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 15:50	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 18:14	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 00:22	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 10:10	FLD	TAL BUF

Client Sample ID: U-21A

Date Collected: 01/10/22 10:37

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 16:48	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 16:10	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 18:27	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 01:20	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 10:37	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-194102-3

Matrix: Water

Date Collected: 01/10/22 11:48

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 17:11	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 16:50	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 18:40	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 02:17	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 11:48	FLD	TAL BUF

Client Sample ID: U-21

Lab Sample ID: 480-194102-4

Matrix: Water

Date Collected: 01/10/22 11:20

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 17:35	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 17:10	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 18:52	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 02:46	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 11:20	FLD	TAL BUF

Client Sample ID: U-23

Lab Sample ID: 480-194102-5

Matrix: Water

Date Collected: 01/10/22 12:50

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 17:58	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 17:30	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 19:05	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 03:16	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 12:50	FLD	TAL BUF

Client Sample ID: U-24

Lab Sample ID: 480-194102-6

Matrix: Water

Date Collected: 01/10/22 13:19

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 18:21	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 17:50	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 19:18	W1T	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Date Collected: 01/10/22 13:19

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	611983	01/15/22 05:38	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 13:19	FLD	TAL BUF

Client Sample ID: U-16

Date Collected: 01/10/22 14:14

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 18:45	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 18:09	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 19:31	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 06:35	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 14:14	FLD	TAL BUF

Client Sample ID: U-18

Date Collected: 01/10/22 14:35

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 19:08	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 18:29	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 19:44	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 07:33	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 14:35	FLD	TAL BUF

Client Sample ID: U-17

Date Collected: 01/10/22 15:26

Date Received: 01/12/22 10:30

Lab Sample ID: 480-194102-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 19:32	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 18:49	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 19:57	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 08:02	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 15:26	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-194102-10

Matrix: Water

Date Collected: 01/10/22 15:45

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 19:55	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 19:09	DSC	TAL BUF
Total/NA	Prep	3510C			612100	01/19/22 09:07	JMP	TAL BUF
Total/NA	Analysis	8082A		1	612161	01/19/22 20:09	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611983	01/15/22 08:31	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 15:45	FLD	TAL BUF

Client Sample ID: LD-1

Lab Sample ID: 480-194106-1

Matrix: Water

Date Collected: 01/10/22 16:40

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 20:19	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 19:29	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 22:59	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 06:38	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 16:40	FLD	TAL BUF

Client Sample ID: LD-2

Lab Sample ID: 480-194106-2

Matrix: Water

Date Collected: 01/10/22 16:50

Date Received: 01/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	611462	01/12/22 20:42	AXK	TAL BUF
Total/NA	Prep	8011			611658	01/13/22 11:11	DSC	TAL BUF
Total/NA	Analysis	8011		1	611652	01/13/22 19:49	DSC	TAL BUF
Total/NA	Prep	3510C			611797	01/14/22 09:37	JMP	TAL BUF
Total/NA	Analysis	8082A		1	611912	01/16/22 23:12	W1T	TAL BUF
Total/NA	Analysis	9060A		1	611985	01/15/22 07:06	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	612745	01/10/22 16:50	FLD	TAL BUF

Client Sample ID: U-26

Lab Sample ID: 480-194388-1

Matrix: Water

Date Collected: 01/19/22 09:40

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 18:39	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 16:26	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 18:16	NC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Lab Sample ID: 480-194388-1

Matrix: Water

Date Collected: 01/19/22 09:40

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	613067	01/26/22 17:08	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 09:40	FLD	TAL BUF

Client Sample ID: LD-4

Lab Sample ID: 480-194388-2

Matrix: Water

Date Collected: 01/19/22 10:18

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 19:02	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 16:45	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 18:29	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 18:33	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 10:18	FLD	TAL BUF

Client Sample ID: LD-3

Lab Sample ID: 480-194388-3

Matrix: Water

Date Collected: 01/19/22 11:21

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 19:24	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 17:05	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 18:42	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 19:29	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 11:21	FLD	TAL BUF

Client Sample ID: U-25

Lab Sample ID: 480-194388-4

Matrix: Water

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 19:46	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 17:25	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 18:56	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 20:25	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 11:55	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA #1

Lab Sample ID: 480-194388-5

Matrix: Water

Date Collected: 01/19/22 11:55

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 20:08	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 17:45	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 19:09	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 20:53	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 11:55	FLD	TAL BUF

Client Sample ID: U-19

Lab Sample ID: 480-194388-6

Matrix: Water

Date Collected: 01/19/22 13:03

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612547	01/24/22 20:30	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 18:05	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 19:22	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 21:21	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 13:03	FLD	TAL BUF

Client Sample ID: U-10

Lab Sample ID: 480-194389-1

Matrix: Water

Date Collected: 01/19/22 16:51

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 04:15	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 18:24	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 19:36	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 21:49	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 16:51	FLD	TAL BUF

Client Sample ID: U-3

Lab Sample ID: 480-194389-2

Matrix: Water

Date Collected: 01/19/22 17:40

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 04:37	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 19:04	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 19:49	NC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Date Collected: 01/19/22 17:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	613067	01/26/22 22:17	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 17:40	FLD	TAL BUF

Client Sample ID: U-11

Date Collected: 01/19/22 18:48

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 04:59	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 19:24	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 20:02	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/26/22 22:45	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 18:48	FLD	TAL BUF

Client Sample ID: U-5

Date Collected: 01/20/22 09:42

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 05:22	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 19:43	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 20:16	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/27/22 01:08	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 09:42	FLD	TAL BUF

Client Sample ID: FIELD BLANK TSCA

Date Collected: 01/20/22 14:12

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194389-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 05:44	AXK	TAL BUF
Total/NA	Prep	8011			612591	01/24/22 12:49	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 20:03	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 20:29	NC	TAL BUF
Total/NA	Analysis	9060A		1	613067	01/27/22 02:04	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 14:12	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Date Collected: 01/20/22 11:08

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612680	01/25/22 15:01	ATG	TAL BUF
Total/NA	Prep	8011			612786	01/25/22 16:00	DSC	TAL BUF
Total/NA	Analysis	8011		1	612790	01/25/22 18:13	DSC	TAL BUF
Total/NA	Prep	3510C			613510	02/02/22 09:13	JMP	TAL BUF
Total/NA	Analysis	8082A		1	613586	02/02/22 19:05	W1T	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 18:27	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 11:08	FLD	TAL BUF

Client Sample ID: U-12

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612626	01/25/22 01:45	CRL	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 22:41	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 20:42	NC	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 19:50	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 13:19	FLD	TAL BUF

Client Sample ID: DUP TSCA #3

Date Collected: 01/20/22 13:19

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612626	01/25/22 02:08	CRL	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 23:01	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 20:55	NC	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 20:18	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 13:19	FLD	TAL BUF

Client Sample ID: U-4

Date Collected: 01/20/22 12:40

Date Received: 01/24/22 10:00

Lab Sample ID: 480-194402-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612626	01/25/22 02:32	CRL	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 23:20	DSC	TAL BUF
Total/NA	Prep	3510C			612628	01/24/22 15:23	CMC	TAL BUF
Total/NA	Analysis	8082A		1	612784	01/25/22 21:08	NC	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-194100-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Lab Sample ID: 480-194402-6

Matrix: Water

Date Collected: 01/20/22 12:40

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	613758	02/02/22 20:46	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/20/22 12:40	FLD	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-194402-7

Matrix: Water

Date Collected: 01/20/22 00:00

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612626	01/25/22 02:55	CRL	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/24/22 23:40	DSC	TAL BUF

Client Sample ID: U-20

Lab Sample ID: 480-194403-1

Matrix: Water

Date Collected: 01/19/22 13:36

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 06:28	AXK	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/25/22 00:00	DSC	TAL BUF
Total/NA	Prep	3510C			613510	02/02/22 09:13	JMP	TAL BUF
Total/NA	Analysis	8082A		1	613586	02/02/22 19:18	W1T	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 21:14	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 13:36	FLD	TAL BUF

Client Sample ID: U-14

Lab Sample ID: 480-194403-2

Matrix: Water

Date Collected: 01/19/22 15:04

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 06:49	AXK	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/25/22 00:20	DSC	TAL BUF
Total/NA	Prep	3510C			613510	02/02/22 09:13	JMP	TAL BUF
Total/NA	Analysis	8082A		1	613586	02/02/22 19:31	W1T	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 21:42	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 15:04	FLD	TAL BUF

Client Sample ID: U-13

Lab Sample ID: 480-194403-3

Matrix: Water

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 07:11	AXK	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Client Sample ID: U-13

Lab Sample ID: 480-194403-3

Matrix: Water

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/25/22 00:39	DSC	TAL BUF
Total/NA	Prep	3510C			613510	02/02/22 09:13	JMP	TAL BUF
Total/NA	Analysis	8082A		1	613586	02/02/22 19:44	W1T	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/02/22 23:07	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 15:48	FLD	TAL BUF

Client Sample ID: DUP TSCA #2

Lab Sample ID: 480-194403-4

Matrix: Water

Date Collected: 01/19/22 15:48

Date Received: 01/24/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	612589	01/25/22 07:33	AXK	TAL BUF
Total/NA	Prep	8011			612610	01/24/22 14:26	DSC	TAL BUF
Total/NA	Analysis	8011		1	612605	01/25/22 00:59	DSC	TAL BUF
Total/NA	Prep	3510C			613510	02/02/22 09:13	JMP	TAL BUF
Total/NA	Analysis	8082A		1	613586	02/02/22 19:56	W1T	TAL BUF
Total/NA	Analysis	9060A		1	613758	02/03/22 00:03	IMZ	TAL BUF
Total/NA	Analysis	Field Sampling		1	613643	01/19/22 15:48	FLD	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22
Connecticut	State	PH-0568	09-30-22
Florida	NELAP	E87672	06-30-22
Georgia	State	10026 (NY)	03-31-22
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-22
Illinois	NELAP	200003	09-30-22
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-21 *
Kentucky (UST)	State	30	04-01-22
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-22
Maine	State	NY00044	12-04-22
Maryland	State	294	04-02-22
Massachusetts	State	M-NY044	06-30-22
Michigan	State	9937	04-01-22
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-22
New York	NELAP	10026	04-01-22
Oregon	NELAP	NY200003	06-12-22
Pennsylvania	NELAP	68-00281	07-31-22
Rhode Island	State	LAO00328	12-31-21 *
Tennessee	State	02970	03-31-22
Texas	NELAP	T104704412-18-10	07-31-22
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-22
Washington	State	C784	02-10-22
Wisconsin	State	998310390	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-194100-1	C-6	Water	01/10/22 11:20	01/12/22 10:30	1
480-194100-2	C-12	Water	01/10/22 12:15	01/12/22 10:30	2
480-194100-3	C-10	Water	01/10/22 11:45	01/12/22 10:30	3
480-194100-4	C-2	Water	01/10/22 12:35	01/12/22 10:30	4
480-194100-5	C-9	Water	01/10/22 13:00	01/12/22 10:30	5
480-194102-1	U-22A	Water	01/10/22 10:10	01/12/22 10:30	6
480-194102-2	U-21A	Water	01/10/22 10:37	01/12/22 10:30	7
480-194102-3	U-22	Water	01/10/22 11:48	01/12/22 10:30	8
480-194102-4	U-21	Water	01/10/22 11:20	01/12/22 10:30	9
480-194102-5	U-23	Water	01/10/22 12:50	01/12/22 10:30	10
480-194102-6	U-24	Water	01/10/22 13:19	01/12/22 10:30	11
480-194102-7	U-16	Water	01/10/22 14:14	01/12/22 10:30	12
480-194102-8	U-18	Water	01/10/22 14:35	01/12/22 10:30	13
480-194102-9	U-17	Water	01/10/22 15:26	01/12/22 10:30	14
480-194102-10	U-15	Water	01/10/22 15:45	01/12/22 10:30	15
480-194106-1	LD-1	Water	01/10/22 16:40	01/12/22 10:30	16
480-194106-2	LD-2	Water	01/10/22 16:50	01/12/22 10:30	17
480-194388-1	U-26	Water	01/19/22 09:40	01/24/22 10:00	18
480-194388-2	LD-4	Water	01/19/22 10:18	01/24/22 10:00	19
480-194388-3	LD-3	Water	01/19/22 11:21	01/24/22 10:00	20
480-194388-4	U-25	Water	01/19/22 11:55	01/24/22 10:00	21
480-194388-5	DUP TSCA #1	Water	01/19/22 11:55	01/24/22 10:00	22
480-194388-6	U-19	Water	01/19/22 13:03	01/24/22 10:00	23
480-194389-1	U-10	Water	01/19/22 16:51	01/24/22 10:00	24
480-194389-2	U-3	Water	01/19/22 17:40	01/24/22 10:00	25
480-194389-3	U-11	Water	01/19/22 18:48	01/24/22 10:00	26
480-194389-4	U-5	Water	01/20/22 09:42	01/24/22 10:00	27
480-194389-5	FIELD BLANK TSCA	Water	01/20/22 14:12	01/24/22 10:00	28
480-194402-1	U-6	Water	01/20/22 11:08	01/24/22 10:00	29
480-194402-4	U-12	Water	01/20/22 13:19	01/24/22 10:00	30
480-194402-5	DUP TSCA #3	Water	01/20/22 13:19	01/24/22 10:00	31
480-194402-6	U-4	Water	01/20/22 12:40	01/24/22 10:00	32
480-194402-7	TRIP BLANK	Water	01/20/22 00:00	01/24/22 10:00	33
480-194403-1	U-20	Water	01/19/22 13:36	01/24/22 10:00	34
480-194403-2	U-14	Water	01/19/22 15:04	01/24/22 10:00	35
480-194403-3	U-13	Water	01/19/22 15:48	01/24/22 10:00	36
480-194403-4	DUP TSCA #2	Water	01/19/22 15:48	01/24/22 10:00	37

Chain of Custody Record

Columbus

Environment Testing
America

Chain of Custody Record
Columbus
2009

Eurofins - Buffalo
Amherst, NY 14228

Ph. (716) 504-9852 Fax: (716) 691-7991

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Environment Testing

Environment Testing

TestAmerica Laboratories, Inc. dba Eurofins TestAmerica														
<input checked="" type="checkbox"/> RCRA <input type="checkbox"/> NQDES <input type="checkbox"/> DW <input type="checkbox"/> Other:			<input type="checkbox"/> Site Contact: Andrew Thompson <input type="checkbox"/> Lab Contact: Brian Fischer			<input type="checkbox"/> Date: <input type="checkbox"/> Carrier:			<input type="checkbox"/> COC No.: _____ of _____ COCs <input type="checkbox"/> TAIS Project #: _____ <input type="checkbox"/> Sampler:					
Client Contact Eagon & Associates, Inc. 1100 W. Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085 Phone (614) 888-5760 FAX (614) 888-5763 Project Name: TSCA - Quarterly Sampling Site: CEOOS-Aber Rd P.O. # _____			Project Manager: Mike Gibson Email: mgibson@eagoninc.com Tel/Fax: (614) 888-5760/5763			Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			Filtred Sample (Y/N) <input type="checkbox"/> VOCs (8260C) <input type="checkbox"/> VOCs (8011) <input type="checkbox"/> TOC (9060A) <input type="checkbox"/> PCBs (8082A)			Sample Specific Notes: _____		
Sample Identification			Sample Date	Sample Time	Type (C=Comp. G=Grab)	Matrix	# of Cont.							
U-16	1-10-22	14:14	Grab	6m	10	N	X	X	X					
U-18	1-10-22	14:35	Grab	6m	10	V	X	X	X					
U-17	1-10-22	15:26	Grab	6m	10	V	X	X	X					
U-15	1-10-22	15:45	Grab	6m	10	V	X	X	X					
LID-1	1-10-22	16:40	Grab	6m	10	V	X	X	X					
LID-2	1-10-22	16:50	Grab	6m	9	V	X	X	X					
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months <input type="checkbox"/> Received in Laboratory by:		
Special Instructions/QC Requirements & Comments: <i>Special instructions: 1. ... 2. ... 3. ... 4. ... 5. ... 6. ... 7. ... 8. ... 9. ... 10. ... 11. ... 12. ... 13. ... 14. ... 15. ... 16. ... 17. ... 18. ... 19. ... 20. ... 21. ... 22. ... 23. ... 24. ... 25. ... 26. ... 27. ... 28. ... 29. ... 30. ... 31. ... 32. ... 33. ... 34. ... 35. ... 36. ... 37. ... 38. ... 39. ... 40. ... 41. ... 42. ... 43. ... 44. ... 45. ... 46. ... 47. ... 48. ... 49. ... 50. ... 51. ... 52. ... 53. ... 54. ... 55. ... 56. ... 57. ... 58. ... 59. ... 60. ... 61. ... 62. ... 63. ... 64. ... 65. ... 66. ... 67. ... 68. ... 69. ... 70. ... 71. ... 72. ... 73. ... 74. ... 75. ... 76. ... 77. ... 78. ... 79. ... 80. ... 81. ... 82. ... 83. ... 84. ... 85. ... 86. ... 87. ... 88. ... 89. ... 90. ... 91. ... 92. ... 93. ... 94. ... 95. ... 96. ... 97. ... 98. ... 99. ... 100. ... 101. ... 102. ... 103. ... 104. ... 105. ... 106. ... 107. ... 108. ... 109. ... 110. ... 111. ... 112. ... 113. ... 114. ... 115. ... 116. ... 117. ... 118. ... 119. ... 120. ... 121. ... 122. ... 123. ... 124. ... 125. ... 126. ... 127. ... 128. ... 129. ... 130. ... 131. ... 132. ... 133. ... 134. ... 135. ... 136. ... 137. ... 138. ... 139. ... 140. ... 141. ... 142. ... 143. ... 144. ... 145. ... 146. ... 147. ... 148. ... 149. ... 150. ... 151. ... 152. ... 153. ... 154. ... 155. ... 156. ... 157. ... 158. ... 159. ... 160. ... 161. ... 162. ... 163. ... 164. ... 165. ... 166. ... 167. ... 168. ... 169. ... 170. ... 171. ... 172. ... 173. ... 174. ... 175. ... 176. ... 177. ... 178. ... 179. ... 180. ... 181. ... 182. ... 183. ... 184. ... 185. ... 186. ... 187. ... 188. ... 189. ... 190. ... 191. ... 192. ... 193. ... 194. ... 195. ... 196. ... 197. ... 198. ... 199. ... 200. ... 201. ... 202. ... 203. ... 204. ... 205. ... 206. ... 207. ... 208. ... 209. ... 210. ... 211. ... 212. ... 213. ... 214. ... 215. ... 216. ... 217. ... 218. ... 219. ... 220. ... 221. ... 222. ... 223. ... 224. ... 225. ... 226. ... 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Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

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Chain of Custody Record

Regulatory Program: DW NPPES RCRA Other:

Project Manager: Mike Gibson

Email: mgibson@agagoninc.com

Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below _____

2 weeks

1 week

2 days

1 day

Site Contact: Andrew Thompson

Lab Contact: Brian Fischer

Date: Carrier:

TALS Project #:

Sampler:

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

COC No. _____ of _____ COCs

Sample Specific Notes:

Sample Identification

Sample Date

Sample Time

Sample Type

(C=Comp G=Grab)

Matrix

of Cont.

Retained Sample (Y/N)

VOCs (8260C)

PCBs (8082A)

VOCs (8011)

TOC (9060A)

PCBs (8082A)

VOCs (8260C)

PCBs (8082A)

VOCs (8011)

TOC (9060A)

PCBs (8082A)

VOCs (8260C)

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Cincinnati
205

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fa

Chain of Custody Record



Environment Testing
America

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194100

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194102

List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	N/A		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194106

List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EA	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	N/A		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194388

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	2.3 #1 ICE	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194389

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	2.4 #1 ice	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194402

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	2.1 #1 ice	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-194100-1

Login Number: 194403

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	1.3 #1 ICE	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-194100-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page #

Sample Location: C - 6
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: / /
Start Time: :
End Time: :
Purge Rate: _____ rpm
Volume Purged: _____ gal
Purged Dry: Yes/No
Casing: inch/ SS = PVC

Personnel Present: Sgt
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 1/10/22
Time Sampled: 11:20
Sample Appearance: yellow tint

Personnel Present: D. Garvey
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: Clouds, Wind W 1 mph, 24°F

Comments: _____

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(μmhos/cm)	(NTU)
<u>2.2</u>	<u>6.90</u>	<u>281</u>	<u>43.2</u>

Container Number	Size ml	Type ml/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: D. Garvey

Date: 1/10/22

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: C-12
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Standng/FIwg Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 1/10/22
Start Time:
End Time:
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 1/10/22
Time Sampled: 12:15
Sample Appearance: clear

Personnel Present: Shannon Ganey
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: Cloudy, Wind WSW 8 mph, 25° F

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
1.7	7.33	220	247.0

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: John M. Zorn

Date: 1/10/22

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page: _____

C-10

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/22
 Start Time: 11:45
 End Time: 11:55
 Purge Rate: 1 gpm
 Volume Purged: SS gal
 Purged Dry: Yes/No Yes
 Casing: inch/ SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 1/10/22
 Time Sampled: 11:45
 Sample Appearance: yellow/green tint

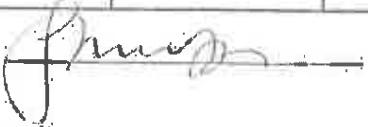
Personnel Present: Shane Gandy
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: Cloudy, wind WSW 5 mph, 25°F

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>6.9</u>	<u>7.40</u>	<u>211</u>	<u>50.2</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	.3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/22

1
2
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10
11
12
13
14
15
16

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

C-2

TSCA

Lab #

Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fiwing Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/10/22
 Start Time:
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: not NN PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 1/10/22
 Time Sampled: 12:35
 Sample Appearance: Yellow tint

Personnel Present: Sharon Garay ft.
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: Cloudy w/ Sun

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)	
			28.2	7.3
6.7	7.76			

Container Number	Size ml	Type ml/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/22

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 1

Sample Location: C - 9
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: / /
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 10/22
Time Sampled: 13:00
Sample Appearance: Yellow tint

Personnel Present: Shemone G current
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: Sunny Wind W&W 8 mph 26°F

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance	Turbidity
		(umhos/cm)	(NTU)
22	8.17	201	68.10

Container Number	Size ml	Type v/l/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: JM

Date: 10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page #

Sample Location: U-22A
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Strndg/Flwng Water
 Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Baller Other: _____

Evacuation:

Date: 1/10/22
 Start Time: 09:58
 End Time: 10:10
 Purge Rate: 16.7 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes No
 Casing: inch/ SS PVC

Personnel Present: DCW
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: 20°/Cloudy/6 mph

Sampling

Date: 1/10/22
 Time Sampled: 10:10
 Sample Appearance: Clean
to air

Personnel Present: DCW
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____
 Diss O₂: _____

Weather Conditions: 20°/Cloudy/6 mph

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
13.5	6.80	2180	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page # _____

Sample Location: U-21A
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/22
Start Time: 10:25
End Time: 10:37
Purge Rate: 16.1 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.C. in
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal
Level After Purge: ft.

Weather Conditions: 20°C / 60% RH / Wind W

Sampling

Date: 1/10/22
Time Sampled: 10:37
Sample Appearance: Clear
No odor

Personnel Present: D.C. in
Depth to Water: ft.
Recharge Rate: gal
Filter #:
Diss O₂:

Weather Conditions: 20°C / 60% RH / Wind W

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
13.4	7.14	953	

Container Number	Size ml	Type v/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: V-22
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/22
Start Time: 11:35
End Time: 11:48
Purge Rate: 15.38 gpm
Volume Purged: 206 gal
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 21°C and / 80% h/w

Sampling

Date: 1/10/22
Time Sampled: 11:48
Sample Appearance: Clear
no color

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 21°C and / 80% h/w

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>6.64</u>	<u>2200</u>	

Container Number	Size ml	Type vgl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-21
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Pwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 11/10/22
Start Time: 11:08
End Time: 11:20
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C.
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 21°C/Cloudy/8mph w

Sampling

Date: 11/10/22
Time Sampled: 11:20
Sample Appearance: clear
no odor

Personnel Present: D.C.
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 21°C/Cloudy/8mph w

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>7.06</u>	<u>1152</u>	

Container Number	Size ml	Type: v/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: R.D.

Date: 11/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 1

Sample Location: U-23
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standng/FIwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 1/10/22
Start Time: 12:34
End Time: 12:50
Purge Rate: 12.5 rpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - inch/ SS - PVC

Personnel Present: D.C.-1
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 21°/Cloudy/7 mph W

Sampling

Date: 1/10/22
Time Sampled: 12:50
Sample Appearance: Clear
Amber

Personnel Present: D.C.-1
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 21°/Cloudy/7 mph W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.4</u>	<u>7.12</u>	<u>1115</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 10/10/22


UNDERDRAIN FIELD LOG

CECOS International, Inc.
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(513) 724-6114

Page# --

Sample Location: U-24
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/FIwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 11/10/22
Start Time: 13:01
End Time: 13:19
Purge Rate: 11.11 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch / SS / PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 21°/Cloudy/7 mph w

Sampling

Date: 11/10/22
Time Sampled: 13:19
Sample Appearance: Clear
6.45 pH

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 21°/Cloudy/7 mph w

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>6.45</u>	<u>2170</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: S. J. Cain

Date: 1 NO 1 22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page# _____

V-16

Sample Location: _____
Sampling Program: _____
TSCA _____
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stand/Flooding Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 1/10/22
Start Time: 13:56
End Time: 14:14
Purge Rate: 11.1 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: — inch/ SS — PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 25°/sunny/5 mph w

Sampling

Date: 1/10/22
Time Sampled: 14:14
Sample Appearance: clear
no odor

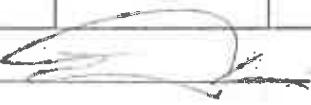
Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

Weather Conditions: 25°/sunny/5 mph w

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.6</u>	<u>6.65</u>	<u>2500</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-18
Sampling Program:
TSCA _____
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/22
Start Time: 14:30
End Time: 14:35
Purge Rate: 13.33 ppm
Volume Purged: 200 gal
Purged Dry: Yes

Casing: - inch / SS - PVC

Weather Conditions: 27° SUNNY SW wind

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Sampling

Date: 1/10/22
Time Sampled: 14:35
Sample Appearance: Clear
NO odor

Weather Conditions: 27° SUNNY SW wind

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>6.70</u>	<u>1950</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Page # 1

Sample Location: V-17
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Strndg/Fwng Water
Sample Equipment: X Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/10/22
Start Time: 15:05
End Time: 15:26
Purge Rate: 1500 ppm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ SS - PVC

Personnel Present: D.C.-n
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 27°/Sunny/ Smp & SW

Sampling

Date: 1/10/22
Time Sampled: 15:26
Sample Appearance: Clear
No odor

Personnel Present: D.C.-n
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 27°/Sunny/ Smp & SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.5</u>	<u>6.48</u>	<u>2490</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-15
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Baller Other:

Evacuation:

Date: 1/10/22
Start Time: 15:30 26
End Time: 15:45
Purge Rate: 15.38 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch/ SS PVC

Personnel Present: DC:n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 26°F Sun/5 mph W

Sampling

Date: 1/10/22
Time Sampled: 15:45
Sample Appearance: Clear

Personnel Present: DC:n
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 26°F Sun/5 mph W

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(μmhos/cm)	(NTU)
<u>13.3</u>	<u>6.79</u>	<u>2450</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/10/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: LD-1
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/22
Start Time: 16:17
End Time: 16:40
Purge Rate: 15.34 ppm
Volume Purged: 300 ml
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.C. & A
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 28°/sunny/6 mph SW

Sampling

Date: 1/10/22
Time Sampled: 16:40
Sample Appearance: Clear
No color

Personnel Present: D.C. & A
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 28°/sunny/6 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—
14.7	6.25	2620	—

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: S. C. J.

Date: 1/10/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

LD-2

Sample Location: Leachate Standpipe
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 11/10/22
Start Time: 16:20
End Time: 16:25
Purge Rate: 15.0 gpm
Volume Purged: 75 gal
Purged Dry: Yes/No
Casing: — inch/ SS — PVC

Personnel Present: D.C. in
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 28°/Sunny/6 mph SW

Sampling

Date: 11/10/22
Time Sampled: 16:50
Sample Appearance: Clear
no color

Personnel Present: D.C. in
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 28°/Sunny/6 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.5</u>	<u>6.33</u>	<u>1753</u>	

Container Number	Size ml.	Type p/lel	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: S. C.

Date: 11/10/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-26
Sampling Program:
TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Pond Leak Detector
 Underdrain Stream Other

Sample Type: Grab Composite Dipping Bottle Standng/FIwg Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/19/22
Start Time: 09:22
End Time: 09:40
Purge Rate: 11.11 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: Deric Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 41°/sunny/calm

Sampling

Date: 1/19/22
Time Sampled: 09:40
Sample Appearance: Clear no odor

Personnel Present: Deric Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 41°/sunny/calm

Comments: Very Esterousant

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.0</u>	<u>6.41</u>	<u>2100</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: 

Date: 1/19/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

LID-4

Sample Location: _____
Sampling Program: _____
TSCA _____
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipes Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/19/22
Start Time: 09:54
End Time: 10:18
Purge Rate: 5.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.Lee
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 41°/sunny/ calm

Sampling

Date: 1/19/22
Time Sampled: 10:18
Sample Appearance: Clear - no odor

Personnel Present: D.Lee
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 41°/sunny/ calm

Comments: Effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>41.4</u>	<u>6.51</u>	<u>1886</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/19/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 2

Sample Location: LID-3
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Strndg/Flng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/19/22
Start Time: 10:57
End Time: 11:21
Purge Rate: 8.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes (No)
Casing: — inch SS -- PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: -- ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 43°/Sunny/Cloudy W

Sampling

Date: 1/19/22
Time Sampled: 11:21
Sample Appearance: clear
no odor

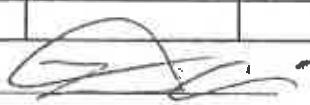
Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 43°/Sunny/Cloudy W

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.56</u>	<u>2100</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/19/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

Sample Location: V-2S
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other: _____

Evacuation:

Date: 1/19/22
Start Time: 11:35
End Time: 11:55
Purge Rate: 10.0 gpm
Volume Purged: 200 gal.
Purged Dry: Yes
Casing: — incl. — SS -- PVC

Personnel Present: D.C.m
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 45°/sunny/light w

Sampling

Date: 1/19/22
Time Sampled: 11:55
Sample Appearance: color
no odor

Personnel Present: D.C.m
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

Weather Conditions: 45°/sunny/light w

Comments: 13 Herescant

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>41.8</u>	<u>6.58</u>	<u>1712</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: D.C.m

Date: 1/19/22

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page #

Sample Location: Dup TSCA #
Sampling Program: TSCA
Lab #: --
Lab #: --
Lab #: --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/19/22
Start Time: 11:35
End Time: 11:55
Purge Rate: 16.4 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - in / - ss - PVC

Personnel Present: D-Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 45°/sunny/Cloudy W

Sampling

Date: 1/19/22
Time Sampled: 11:55
Sample Appearance: clear
no odor

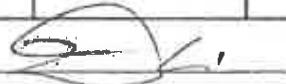
Personnel Present: D-Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 65°/sunny/Cloudy W

Comments: Effluent
Collected @ U-25

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.8	6.58	1712	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/19/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: V-19
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 1/19/22
Start Time: 12:48
End Time: 13:03
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: D.C. in
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal
Level After Purge: ft.

Weather Conditions: 45°/Sunny/Cool W

Sampling

Date: 1/19/22
Time Sampled: 13:03
Sample Appearance: Clear
no odor

Personnel Present: D.C. in
Depth to Water: ft.
Recharge Rate: gal
Filter #: Diss O₂:

Weather Conditions: 45°/Sunny/Cool W

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>40</u>	<u>7.45</u>	<u>1449</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: E.D.

Date: 1/19/22

CECOS International, Inc.
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UNDERDRAIN FIELD LOG

Page# ____

Sample Location: U-10
Sampling Program: TSCA
Lab # ____
Lab # ____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector
 Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/19/22
Start Time: 16:36
End Time: 16:51
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 44°/Cloudy/Compl. W

Sampling

Date: 1/19/22
Time Sampled: 16:51
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 44°/Cloudy/Compl. W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.2	7.36	125.5	_____ _____

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/19/22

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page # 6-3

Sample Location: U-3
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: X Grundfos Pump Electric Pump Venturi Pump
Baller Other:

Evacuation:

Date: 1/19/22
Start Time: 17 : 20
End Time: 17 : 40
Purge Rate: 10.0 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.Lin
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 42°/Cloudy/ 7 mph W

Sampling

Date: 1/19/22
Time Sampled: 17 : 40
Sample Appearance: Clear
no odor

Personnel Present: D.Lin
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 42°/Cloudy/ 7 mph W

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.2</u>	<u>6.81</u>	<u>1223</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/19/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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(513) 724-6114

Page# -

Sample Location: U-11
Sampling Program: TSCA
- Lab # -
- Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 1/19/22
Start Time: 18:30
End Time: 18:48
Purge Rate: 11-11 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch/ SS PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 38°/Cloudy/8 mph NW

Sampling

Date: 1/19/22
Time Sampled: 18:48
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 38°/Cloudy/8 mph NW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umbos/cm)	Turbidity (NTU)
<u>41.0</u>	<u>6.88</u>	<u>1206</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: D.Cain

Date: 1/19/22

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-S
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: X Grundfos Pump Electric Pump Venturi Pump
Baller Other: _____

Evacuation:

Date: 1/20/22
Start Time: 09:22
End Time: 09:42
Purge Rate: 10.0 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: 1 person
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal
Level After Purge: ft.

Weather Conditions: 18°/sunny/calm

Sampling

Date: 1/20/22
Time Sampled: 09:42
Sample Appearance: Clear
No odor

Personnel Present: 1 person
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 18°/sunny/calm

Comments: _____

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
/	/	/	/
/	/	/	/
<u>13.3</u>	<u>6.84</u>	<u>1441</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/20/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page #

Field Blnk TSCA

Sample Location:
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: Lab supplied DI

~~Exavation:~~

Date: 1/1
Start Time: 1
End Time: 1
Purge Rate: spur
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch SS PVC

Personnel Present:
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

~~Weather Conditions:~~

~~Sampling~~

Date: 1/20/22
Time Sampled: 14:12
Sample Appearance: Clear
No odor

Personnel Present: ID Lain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

~~Weather Conditions:~~ 23% humidity/10m

Comments: Collected by pouring lab supplied DI water into sample containers in the on-site sample prep room.

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.6</u>	<u>8.01</u>	<u>88.5</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature:

Date: 1/20/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# —

Sample Location: U-6
Sampling Program: TSCA
— Lab # —
— Lab # —

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/20/22
Start Time: 10:36
End Time: 11:08
Purge Rate: 6.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: — inch/ — SS — PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 20°/sunny/calm

Sampling

Date: 1/20/22
Time Sampled: 11:08
Sample Appearance: clear
no oil

Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

Weather Conditions: 20°/sunny/calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—
41.1	6.78	1437	—

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: G.K.

Date: 1/20/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page # -
M5 TSCA
M5 TSCA Dup
Sampling Program:
TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 11/20/22
Start Time: 16 : 38
End Time: 11 : 08
Purge Rate: 6.67 ppm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch SS PVC

Personnel Present: D. Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 20°/Sunny/Calm

Sampling

Date: 11/20/22
Time Sampled: 11 : 08
Sample Appearance: clear
No odor

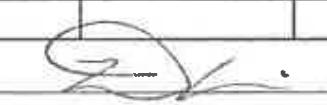
Personnel Present: D. Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 20°/Sunny/Calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>41.1</u>	<u>6.78</u>	<u>1437</u>	

Container Number	Size ml	Type pVgl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 11/20/22

Underdrain
LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: U-12
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 1/19/22
Start Time: 13:04
End Time: 13:19
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: — inch/ — SS — PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 22°/ sunny/calm

Sampling

Date: 1/20/22
Time Sampled: 13:19
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 22°/ sunny/calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>6.80</u>	<u>1188</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: E. Cain

Date: 1/20/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

DvP TSCA #3

TSCA

Lab # -

Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/20/12
Start Time: 13:04
End Time: 13:19
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions:

22° sunny/ calm

Sampling

Date: 1/20/12
Time Sampled: 13:19
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions:

22° sunny/ calm

Comments:

Collected @ U-17

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
13.7	6.50	1188	

Container Number	Size ml	Type ml/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature:

Date: 1/20/12

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: U-4
Sampling Program: TSCA
-
-
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/20/22
Start Time: 12:15
End Time: 12:40
Purge Rate: 8.57 gpm
Volume Purged: 200 gal
Purged Dry: Yes No?
Casing: - inch - SS - PVC

Personnel Present: D.L.m
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 22° Sunny / Calm

Sampling

Date: 1/20/22
Time Sampled: 12:40
Sample Appearance: Clear
No odor

Personnel Present: D.L.m
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 22° Sunny / Calm

Comments: _____

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.2</u>	<u>6.92</u>	<u>1343</u>	

Container Number	Size ml	Type p/g	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: S. L. m

Date: 1/20/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: V-20
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 1/19/22
Start Time: 13:24
End Time: 13:36
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/ND
Casing: - inch/ -- SS -- PVC

Personnel Present: D. Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 45°/sunny/Cloudy W

Sampling

Date: 1/19/22
Time Sampled: 13:36
Sample Appearance: Clear
no odor

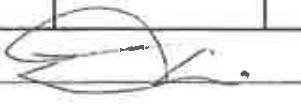
Personnel Present: D. Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 45°/sunny/Cloudy W

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.2</u>	<u>6.90</u>	<u>1805</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/19/22

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UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-14
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/19/22
Start Time: 14:41
End Time: 15:04
Purge Rate: 13.33 spm
Volume Purged: 200 ml
Purged Dry: Yes No
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 47° / cloudy / 5 mph w

Sampling

Date: 1/19/22
Time Sampled: 15:04
Sample Appearance: Clear
no odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 47° / cloudy / 5 mph w

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.1	7.27	966.1	965

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z.D.

Date: 1/19/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page # 1

Sample Location: U-13
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other:

Evacuation:

Date: 1/19/22
Start Time: 15:33
End Time: 15:48
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes/
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 47°/cloudy/5 mph w

Sampling

Date: 1/19/22
Time Sampled: 15:48
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 47°/cloudy/5 mph w

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.1</u>	<u>6.96</u>	<u>1011</u>	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/19/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location:	Dup TSCA #2
Sampling Program:	TSCA
	Lab # -
	Lab # --

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Sndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 1/19/22
 Start Time: 15:33
 End Time: 15:48
 Purge Rate: 13.33 gpm
 Volume Purged: 2000 gal
 Purged Dry: Yes
 Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
 Depth to Bottom: - ft.
 Depth to Water: - ft.
 Height of Water Column: - ft.
 Casing Volume: - gal.
 Level After Purge: - ft.

Weather Conditions: 47°/Cloudy/5 mph W

Sampling

Date: 1/19/22
 Time Sampled: 15:48
 Sample Appearance: Clear
No odor

Personnel Present: D Cain
 Depth to Water: - ft.
 Recharge Rate: - gal.
 Filter #: -
 Diss O₂: -

Weather Conditions: 47°/Cloudy/5 mph W

Comments:

Collected @ U-13

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.1</u>	<u>6.96</u>	<u>161</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 1/19/22